NOVA SCOTIA MEDICAL SERVICES INSURANCE

ANNUAL STATISTICAL TABLES

12 MONTHS ENDED MARCH 31, 1984

(with comparative statistics for 12 months ended March 31, 1983)

Research & Statistics

Maritime Medical Care Incorporated

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Fee Increases During 1983-84

	Increase
April 1, 1983	
Physicians	6.0%
Children's Dental Plan and Dental Surgical	6.0%
Optometric	10.8%
July 1, 1983	
Pharmacare - Maximum Pharmacy Dispensing Fee	8.0% to $5.40
with an additional increase January 1, 1984 of	1.9% to $5.50

Payment Schedules - Physicians Services

At the end of fiscal 1982-83 inventories of physicians claims were reduced considerably from the previous year. This led to a higher than normal increase in amounts paid that year. Consequently, the percentage increase of 8% in 1983-84 is less than the increase in the value of services performed. On a date of service basis, expenditure increased by 10.9% from 1982-83 to 1983-84.

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1983 - 1984

SECTION ONE

GENERAL STATISTICS

Table 1

MSI Payments Summary

12 Months Ending March 31, 1984

	1982-83	1983-84	Percent Change
Physicians Services			
Fee-For-Service Payments	$120,760,890	$130,441,210[1]	8.0
Salaried & Sessional Payments	4,749,439	4,904,115	3.3
Total Payments for Physicians Services	$125,510,329	$135,345,325	7.8
Dentists Services			
Insured Dental Surgical Services	$ 1,408,524	$ 1,725,580	22.5
Children's Dental Plan	10,311,166	10,835,443	5.1
Cleft Palate & Special Programs	219,441	225,155	2.6
Total Dental Payments	$ 11,939,131	$ 12,786,178	7.1
Optometric Services			
Optometric Plan	$ 1,744,594	$ 1,933,363	10.8
Prescription Drugs			
MSI Pharmacare	$ 26,540,955	$ 30,609,982	15.3
Cystic Fibrosis & Diabetes Insipidus	307,218	315,118	2.5
Prosthetic Services	$ 303,376	$ 313,732	3.4
TOTAL MSI PAYMENTS	$166,345,603	$181,303,698	9.0
Administrative Expense, Maritime Medical Care Incorporated	$ 5,406,709	$ 6,123,276	13.3
Administrative Expense, As A Percent of Total Payments	3.3%	3.4%	
TOTAL	$171,752,312	$187,426,974	9.1

1. Of the amount shown above for physicians services $281,446 for Out-Of-Province Hospital Out-Patient and Diagnostic Services was transferred to the Department of Health in 1983-84.

Table 2

Five Year Comparison of Selected MSI Statistics

And Annual Percentage Increases

	1979-80	1980-81	1981-82	1982-83	1983-84
Insured Population	827,000	831,000	834,000	841,000[1]	849,000
	0.6%	0.7%	0.4%	0.8%	1.0%
Physicians Paid	1,307	1,320	1,386	1,430	1,459
	3.2%	2.0%	5.0%	3.2%	2.0%
Dentists Paid	275	286	288	304	315
	7.4%	4.0%	0.7%	5.6%	3.6%
Optometrists Paid	43	44	45	50	50
Pharmacies Paid	197	203	202	210	219
	3.7%	3.0%	-0.5%	4.0%	4.3%
TOTAL MSI PAYMENTS	$100,636,860	$114,352,972	$134,199,830	$166,345,603	$181,303,698
	12.4%	13.6%	17.4%	24.0%	9.0%
Payments Per Insured Person	$121.69	$137.61	$160.91	$197.80	$213.55
	12.0%	13.1%	16.9%	22.9%	8.0%
Claims Processed	5,758,186	5,962,000	6,069,000	6,696,000	6,721,000
	3.9%	3.6%	1.8%	10.3%	0.4%
Administrative Expense	$ 3,856,132	$ 4,298,748	$ 4,852,208	$ 5,406,709	$ 6,123,276
	11.2%	11.5%	12.9%	11.4%	13.3%
Maritime Medical Care Administrative Expense As A Percent of Total MSI Payments	3.8%	3.8%	3.6%	3.3%	3.4%
Total Number of Maritime Medical Care Employees (March 31)	237	235	244	232	231
	0.9%	-0.8%	3.8%	-4.9%	-0.4%

1. The estimate of insured population during 1982-83 has been revised from 838,000 to 841,000.

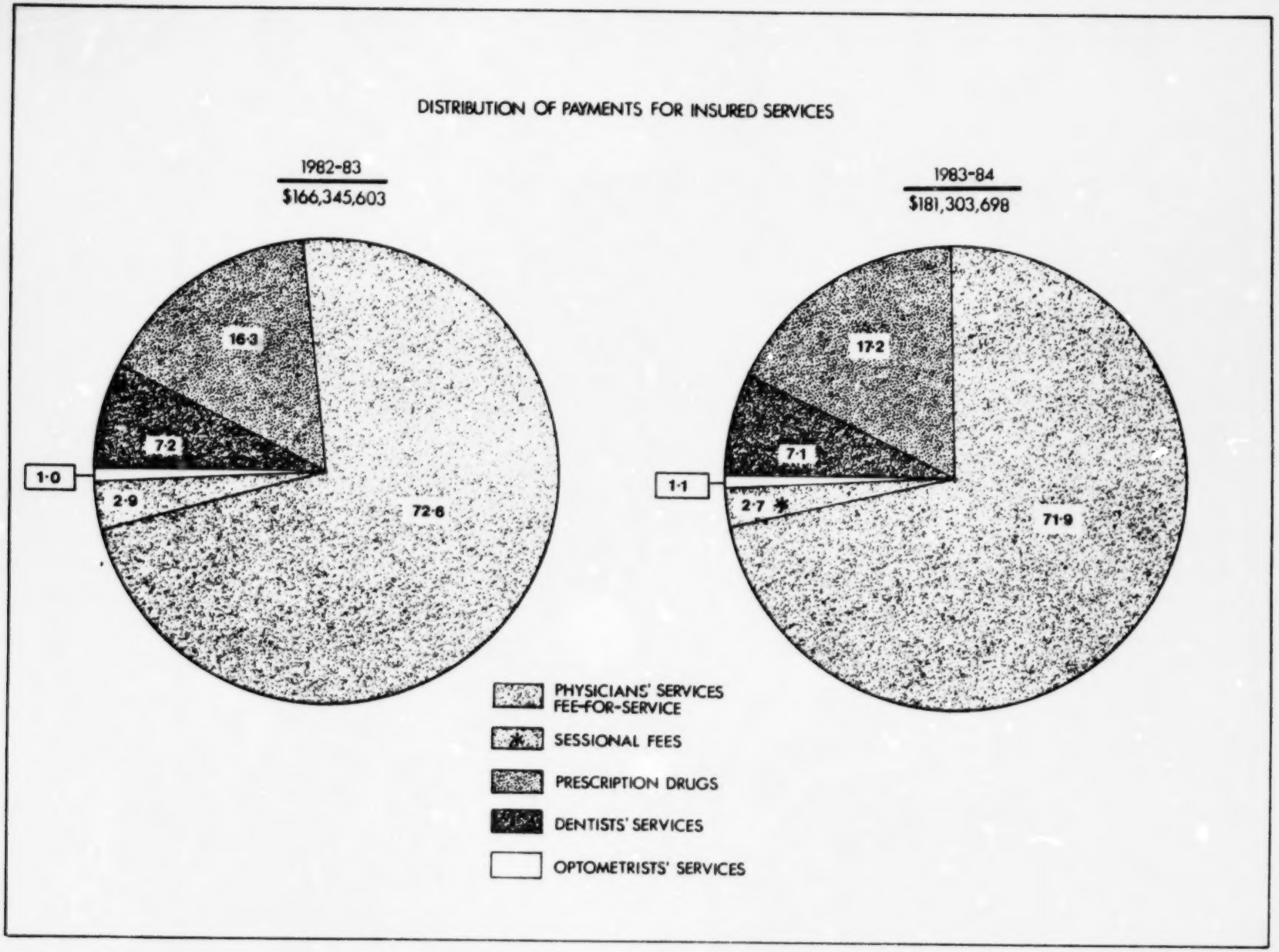

DISTRIBUTION OF PAYMENTS FOR INSURED SERVICES
1982-83
$166,345,603
16·3
7·2
1·0
2·9
72·6
1983-84
$181,303,698
17·2
7·1
1·1
2·7 *
71·9
PHYSICIANS' SERVICES FEE-FOR-SERVICE
SESSIONAL FEES
PRESCRIPTION DRUGS
DENTISTS' SERVICES
OPTOMETRISTS' SERVICES

figure 1

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1983 - 1984

SECTION TWO

PHYSICIANS SERVICES

Physicians Services

Table 1.0

Payment and Utilization Summary

Fiscal 1983-84 Compared with Fiscal 1982-83

	1982-83	1983-84[1]	Percentage Change
Payment Summary			
Fee-For-Service Payments for Physicians Services Rendered in Nova Scotia	$118,961,450	$128,748,122	8.2
Physicians Services Rendered Outside Nova Scotia	1,799,440	1,693,088	-5.9
Total Fee-For-Service Payments	$120,760,890	$130,441,210	8.0
Salaried Physicians	4,749,439	4,904,115	3.3
Total Payments for Physicians Services	$125,510,329	$135,345,325	7.8
Utilization Summary			
Persons Insured	841,000[4]	849,000	1.0
Persons Receiving Insured Services (Beneficiaries)	739,200	743,886	0.6
Percent of Persons Insured	87.9	87.6	
Services Rendered	6,005,572	5,976,806	-0.5
Services Per Insured[2]	7.14	7.04	-1.4
Expenditure Per Insured[3]	$149.24	$159.42	6.8
Services Per Beneficiary[2]	8.12	8.03	-1.1
Expenditure Per Beneficiary[3]	$169.79	$181.94	7.2

1. Of the total for physicians services $281,446 for out-of-province out-patient and diagnostic services was charged to the Department of Health in 1983-84.

2. Excludes services performed by physicians under salary arrangement.

3. Includes payments for salaried physicians services.

4. The estimate of insured population during 1982-83 has been revised from 838,000 to 841,000.

Physicians Services

Table 1.1

Number of Physicians Paid

Payment Category	Number Of Physicians 12 Months Ended March 31, 1983	 12 Months Ended March 31, 1984
Physicians Who Received Fee-For-Services Payments Only	1,325	1,363
Physicians Who Received Fee-For-Service And Salary Payments	82	81
Total Physicians - Fee-For-Service	1,407	1,444
Physicians Who Received Salary Payments Only	23	15
TOTAL PHYSICIANS WHO RECEIVED MSI PAYMENTS	1,430	1,459

Physicians Services

Table 1.2

Total MSI Payments for Physicians Services[1]

And Expenditure Per Insured Person - 1970-71 to 1983-84

	Total Paid	Expenditure Per Insured Person	Percentage Change From Previous Year
1970-71	$ 30,190,518	$ 39.16	-
1971-72	32,778,568	42.13	7.4
1972-73	35,975,822	45.82	9.1
1973-74	38,571,411	48.58	5.5
1974-75	44,851,793	55.93	15.0
1975-76	55,348,064	68.25	22.0
1976-77	61,107,308	74.79	9.6
1977-78	65,051,135	79.33	6.1
1978-79	71,091,416	86.28	8.8
1979-80	78,558,897	94.99	10.1
1980-81	88,133,112	106.06	11.7
1981-82	101,879,798	122.16	15.2
1982-83	125,510,329	149.24	22.2
1983-84	135,345,325	159.42	6.8

1. Includes payments to hospitals and institutions with respect to insured services performed by salaried physicians, as well as fee-for-service payments.

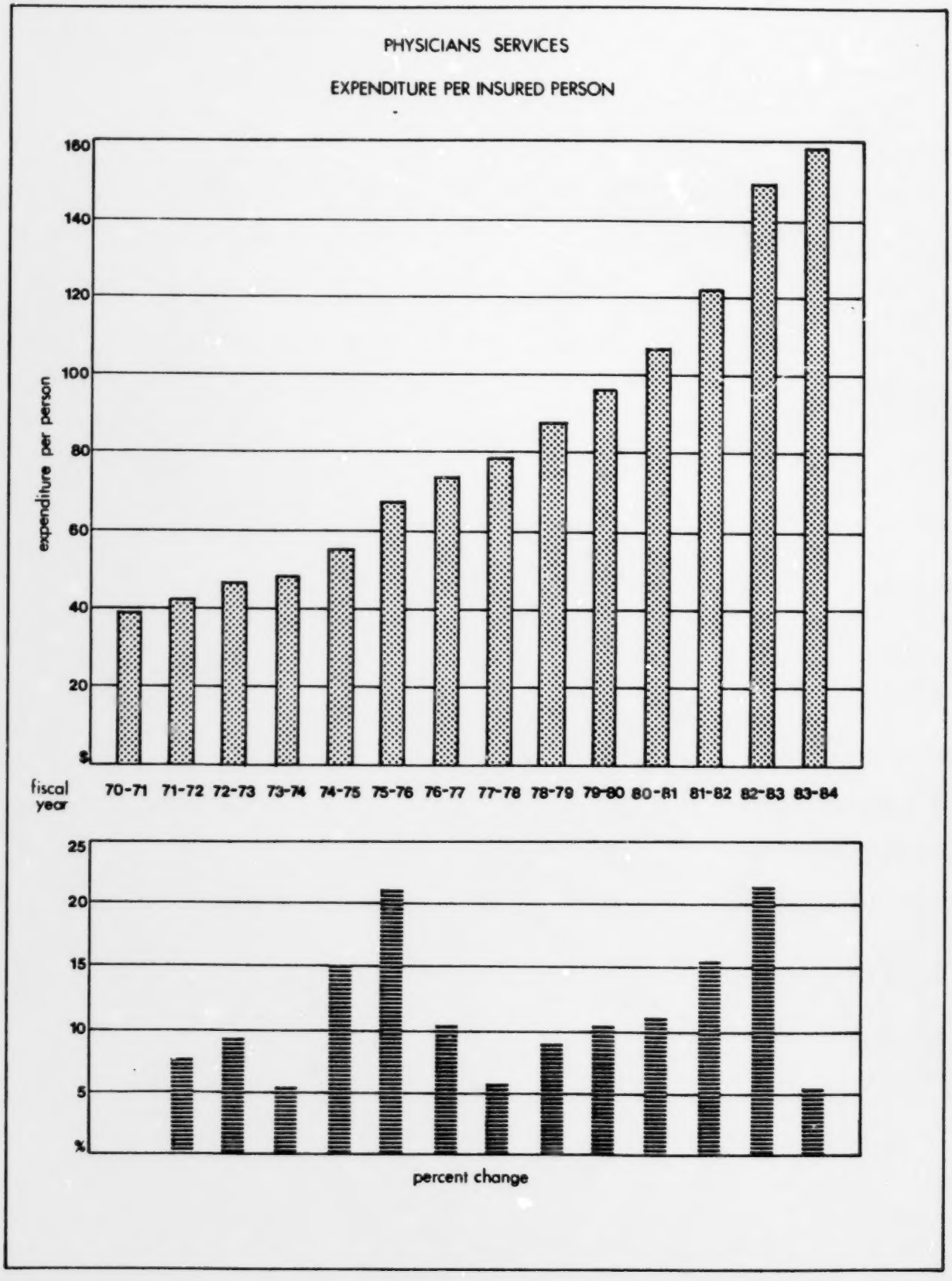

PHYSICIANS SERVICES
EXPENDITURE PER INSURED PERSON
160
140
120
100
80
60
40
20
$
expenditure per person
fiscal year
70-71
71-72
72-73
73-74
74-75
75-76
76-77
77-78
78-79
79-80
80-81
81-82
82-83
83-84
25
20
15
10
5
%
percent change

figure 2

Physicians Services

Table 2.0

Fee-For-Service Payments by County

County	12 Months Ended March 31, 1983 Physicians	Amount Paid	% Of Total	12 Months Ended March 31, 1984 Physicians	Amount Paid	% Of Total
Annapolis	20	$ 1,239,004	1.0	21	$ 1,372,326	1.1
Antigonish	34	2,282,561	1.9	36	2,865,969	2.2
Cape Breton	152	17,045,556	14.1	143	17,937,107	13.8
Colchester	48	4,846,342	4.0	51	5,328,576	4.1
Cumberland	38	3,432,921	2.8	44	4,031,490	3.1
Digby	25	2,053,559	1.7	25	2,085,276	1.6
Guysborough	12	738,076	0.6	14	759,448	0.6
Halifax	738	57,020,142	47.2	767	62,274,309	47.7
Hants	40	3,096,060	2.6	39	3,192,976	2.4
Inverness	18	2,021,959	1.7	17	2,137,807	1.6
Kings	85	7,088,512	5.9	85	7,556,791	5.8
Lunenburg	57	4,661,378	3.8	55	5,198,092	4.0
Pictou	57	5,771,310	4.8	58	5,925,664	4.5
Queens	10	968,759	0.8	11	1,078,372	0.8
Richmond	8	978,811	0.8	10	957,753	0.7
Shelburne	15	1,207,745	1.0	15	1,133,721	0.9
Victoria	7	551,177	0.5	8	680,512	0.5
Yarmouth	43	3,957,578	3.3	45	4,231,933	3.2
NOVA SCOTIA	1,407	$118,961,450	98.5	1,444	$128,748,122	98.7
Out-Of-Province	-	1,799,440	1.5	-	1,693,088	1.3
Total Fee-For-Service Payments	1,407	$120,760,890	100.0	1,444	$130,441,210	100.0

Physicians Services

Table 3.0

Amounts Paid by Physicians Specialty in Urban and Rural Areas[1]

Specialty	12 Months Ended March 31, 1983 Physicians	12 Months Ended March 31, 1983 Amount Paid	12 Months Ended March 31, 1984 Physicians	12 Months Ended March 31, 1984 Amount Paid
ANAESTHESIA				
Urban	46	$ 4,178,688	49	$ 4,715,947
Rural	11	762,234	11	802,126
TOTAL	57	4,940,922	60	5,518,073
DERMATOLOGY				
TOTAL (Urban)	8	927,504	8	1,152,062
GENERAL PRACTICE				
Urban	389	26,707,995	383	28,672,564
Rural	390	34,003,857	407	37,039,024
TOTAL	779	60,711,852	790	65,711,588
GENERAL SURGERY[2]				
Urban	62	7,873,716	66	8,480,700
Rural	42	5,606,260	43	5,625,782
TOTAL	104	13,479,976	109	14,106,482
INTERNAL MEDICINE				
Urban	85	7,008,387	91	7,709,002
Rural	29	2,125,499	31	2,504,645
TOTAL	114	9,133,886	122	10,213,647
NEUROLOGY				
TOTAL (Urban)	10	1,057,927	10	1,097,666
NEUROSURGERY				
TOTAL (Urban)	5	863,690	5	832,003
OBSTETRICS & GYNAECOLOGY				
Urban	30	3,608,855	31	3,851,517
Rural	10	1,314,484	10	1,313,904
TOTAL	40	4,923,339	41	5,165,421
OPHTHALMOLOGY				
Urban	24	4,457,299	25	4,795,405
Rural	5	718,554	6	1,013,058
TOTAL	29	5,175,853	31	5,808,463
OPHTHALMOLOGY & OTOLARYNGOLOGY[3]				
TOTAL	5	363,428	5	342,905
OTOLARYNGOLOGY				
Urban	16	2,851,149	17	2,935,733
Rural	3	464,558	3	527,570
TOTAL	19	3,315,707	20	3,463,303

1. Urban areas are defined as areas with population over 35,000. These areas include: Sydney Urban area within a perimeter bounded by North Sydney, Sydney City and Glace Bay. The Halifax-Dartmouth area within a perimeter bounded by Halifax, Middle Sackville and Dartmouth.

2. Includes two thoracic surgeons.

3. The urban and rural distribution has not been shown to preserve confidentiality.

Table 3.0 (Continued)

Specialty	12 Months Ended March 31, 1983 Physicians	12 Months Ended March 31, 1983 Amount Paid	12 Months Ended March 31, 1984 Physicians	12 Months Ended March 31, 1984 Amount Paid
ORTHOPAEDIC SURGERY[1]				
TOTAL	14	2,531,068	19	2,736,516
PAEDIATRICS				
Urban	45	2,385,637	48	2,772,624
Rural	5	416,283	5	394,370
TOTAL	50	2,801,920	53	3,166,994
PLASTIC SURGERY				
TOTAL (Urban)	6	1,007,904	7	1,219,441
PHYSICAL MEDICINE				
TOTAL (Urban)	5	727,233	6	752,172
PSYCHIATRY				
Urban	54	3,155,826	54	3,426,626
Rural	16	543,343	13	562,195
TOTAL	70	3,699,169	67	3,988,821
RADIOLOGY				
Urban	46	679,496	47	770,879
Rural	19	222,367	20	254,529
TOTAL	65	901,863	67	1,025,408
UROLOGY				
Urban	13	1,851,335	14	1,963,834
Rural	4	544,652	3	480,122
TOTAL	17	2,395,987	17	2,443,956
OTHER SPECIALTIES[2]				
Urban	6	1,216	4	2,230
Rural	4	1,006	3	971
TOTAL	10	2,222	7	3,201
ALL PHYSICIANS				
Urban	869	72,238,353	884	77,832,501
Rural	538	46,723,097	560	50,915,621
TOTAL	1,407	$118,961,450	1,444	$128,748,122
Out-Of-Province	-	1,805,373	-	1,693,088
TOTAL	1,407	$120,766,823	1,444	$130,441,210

1. The urban and rural distribution has not been shown to preserve confidentiality.

2. Includes Public Health (2), and Pathology (5).

Physicians Services

Table 3.1

Distribution of Physicians by Specialty and County[1]

	General Practice		Internal Medicine		Neurology		Paediatrics		Dermatology		General Surgery		Neurosurgery	
	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84
Annapolis	15	16	2	2	-	-	-	-	-	-	2	2	-	-
Antigonish	19	23	3	2	-	-	-	-	-	-	2	2	-	-
Cape Breton	91	83	8	8	-	-	2	2	-	-	20	20	1	1
Colchester	35	39	2	2	-	-	-	-	-	-	4	4	-	-
Cumberland	28	33	1	2	-	-	-	-	-	-	3	3	-	-
Digby	21	22	-	-	-	-	-	-	-	-	3	3	-	-
Guysborough	11	13	1	1	-	-	-	-	-	-	-	-	-	-
Halifax	322	324	77	83	10	10	43	47	8	8	41	46[2]	4	4
Hants	34	31	1	1	-	-	-	-	-	-	2	3	-	-
Inverness	14	13	1	1	-	-	-	-	-	-	3	3	-	-
Kings	50	51	6	6	-	-	2	1	-	-	7	9[2]	-	-
Lunenburg	41	39	2	3	-	-	1	1	-	-	5	4	-	-
Pictou	40	42	5	6	-	-	1	1	-	-	3	2	-	-
Queens	6	6	1	1	-	-	-	-	-	-	2	2	-	-
Richmond	8	10	-	-	-	-	-	-	-	-	-	-	-	-
Shelburne	14	13	-	-	-	-	-	-	-	-	1	2	-	-
Victoria	6	7	1	1	-	-	-	-	-	-	-	-	-	-
Yarmouth	24	25	3	3	-	-	1	1	-	-	4	4	-	-
TOTAL	779	790	114	122	10	10	50	53	8	8	102	109	5	5

1. All Physicians who received fee-for-service payments are included in this table.

2. Includes one Thoracic Surgeon.

Table 3.1 (Continued)

	Plastic Surgery		Orthopaedic Surg.		Urology		Obstetrics & Gynaecology		Anaesthesia		Radiology		Ophthalmology & Otolaryngology	
	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84
Annapolis	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Antigonish	-	-	-	-	-	-	2	2	2	-	2	3	-	-
Cape Breton	-	-	-	1	2	2	5	5	6	6	6	5	-	-
Colchester	-	-	-	-	2	1	-	-	-	1	3	2	1	1
Cumberland	-	-	-	-	-	-	-	-	1	2	2	2	-	-
Digby	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guysborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Halifax	6	7	13	16	11	12	25	26	41	45	40	42	2	2
Hants	-	-	-	1	-	-	-	-	1	1	1	1	-	-
Inverness	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kings	-	-	1	1	1	1	3	3	3	2	3	3	2	2
Lunenburg	-	-	-	-	-	-	1	1	1	1	3	3	-	-
Pictou	-	-	-	-	1	1	3	3	-	-	2	2	-	-
Queens	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Richmond	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shelburne	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Victoria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yarmouth	-	-	-	-	-	-	1	1	1	1	2	3	-	-
TOTAL	6	7	14	19	17	17	40	41	57	60	65	67	5	5

Table 3.1 (Continued)

	Ophthalmology		Otolaryngology		Psychiatry		Physical Medicine		Other Specialties[1]		Total	
	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84
Annapolis	-	-	-	-	-	-	-	-	-	-	20	21
Antigonish	1	1	-	1	1	1	-	-	2	1	34	36
Cape Breton	2	2	3	3	5	5	-	-	1	-	152	143
Colchester	-	-	-	-	1	1	-	-	-	-	48	51
Cumberland	1	1	1	-	1	1	-	-	-	-	38	44
Digby	-	-	-	-	1	-	-	-	-	-	25	25
Guysborough	-	-	-	-	-	-	-	-	-	-	12	14
Halifax	22	23	13	14	49	49	5	6	5	3	738	767
Hants	-	-	-	-	1	1	-	-	-	-	40	39
Inverness	-	-	-	-	-	-	-	-	-	-	18	17
Kings	1	1	1	1	4	4	-	-	-	-	85	85
Lunenburg	-	1	-	-	2	1	-	-	1	1	57	55
Pictou	1	1	-	-	1	-	-	-	-	-	57	58
Queens	-	-	-	-	-	1	-	-	-	-	10	11
Richmond	-	-	-	-	-	-	-	-	-	-	8	10
Shelburne	-	-	-	-	-	-	-	-	-	-	15	15
Victoria	-	-	-	-	-	-	-	-	-	-	7	8
Yarmouth	1	1	1	1	4	3	-	-	1	2	43	45
TOTAL	29	31	19	20	70	67	5	6	10	7	1,407	1,444

1. Includes Pathology (5) and Public Health (2).

Physicians Services

Table 3.2

MSI Fee-For-Service Payments

Number of Physicians by Specialty and Payment Range[1]

(1982-83 Compared With 1983-84)

	Under $25,000		$25,000 -49,999		$50,000 -74,999		$75,000 -99,999		$100,000 $124,000	
	1983[2]	1984[2]	1983	1984	1983	1984	1983	1984	1983	1984
Anaesthesia	9	6	5	5	8	11	8	7	15	19
Dermatology	1	1	-	1	1	1	3	2	-	-
General Practice	189	173	94	95	93	89	117	115	126	127
General Surgery[3]	14	17	7	8	7	6	11	9	12	16
Internal Medicine	39	41	19	14	11	16	11	13	9	10
Neurology	1	-	1	2	4	2	1	3	1	-
Neurosurgery	-	-	-	-	-	-	-	-	1	-
Obstetrics & Gynaecology	2	2	-	2	6	6	7	7	5	1
Ophthalmology	1	1	2	3	3	1	-	1	3	1
Ophthalmology & Otolaryngology	1	1	-	-	1	2	1	-	2	2
Otolaryngology	1	1	-	3	1	-	3	-	3	4
Orthopaedic Surgery	1	5	-	-	1	1	-	-	2	2
Paediatrics	21	22	5	6	10	8	3	5	5	3
Physical Medicine	-	1	1	-	1	1	-	1	-	1
Plastic Surgery	1	-	-	-	-	-	-	1	-	-
Psychiatry	23	20	17	12	11	10	7	9	6	10
Radiology	56	55	3	7	4	4	1	-	-	-
Urology	1	1	2	1	-	1	1	2	3	2
Other Specialties[4]	10	7	-	-	-	-	-	-	-	-
TOTAL	371	354	156	159	162	159	174	175	193	198

1. This table provides data on MSI fee-for-service payments only.
2. 1983 refers to the fiscal year 1982-83 and 1984 refers to the fiscal year 1983-84.
3. Includes Thoracic Surgery.
4. Includes Pathology (9) and Public Health (1) in 1983 and Pathology (5) and Public Health (2) in 1984.

Table 3.2 (Continued)

Number of Physicians by Specialty and Payment Range

	$125,000 -149,999		$150,000 -174,999		$175,000 -199,999		Over $200,000		Total	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Anaesthesia	7	9	4	-	1	2	-	1	57	60
Dermatology	1	-	-	-	-	-	2	3	8	8
General Practice	82	98	41	48	21	21	16	24	779	790
General Surgery	10	15	17	10	7	7	19	21	104	109
Internal Medicine	7	4	6	8	3	5	9	11	114	122
Neurology	-	1	1	1	-	-	1	1	10	10
Neurosurgery	1	3	2	1	-	-	1	1	5	5
Obstetrics & Gynaecology	9	6	5	9	3	4	3	4	40	41
Ophthalmology	3	4	6	7	2	4	9	9	29	31
Ophthalmology & Otolaryngology	-	-	-	-	-	-	-	-	5	5
Otolaryngology	2	2	-	1	1	1	8	8	19	20
Orthopaedic Surgery	1	1	1	2	2	2	6	6	14	19
Paediatrics	2	3	3	5	-	-	1	1	50	53
Physical Medicine	1	-	-	-	-	-	2	2	5	6
Plastic Surgery	-	1	1	1	2	2	2	2	6	7
Psychiatry	3	3	2	3	-	-	1	-	70	67
Radiology	1	-	-	1	-	-	-	-	65	67
Urology	1	1	3	3	4	3	2	3	17	17
Other Specialties	-	-	-	-	-	-	-	-	10	7
TOTAL	131	151	92	100	46	51	82	97	1,407	1,444

NUMBER OF PHYSICIANS PAID BY PAYMENT RANGE

(FEE-FOR-SERVICE)

(1) ALL PHYSICIANS

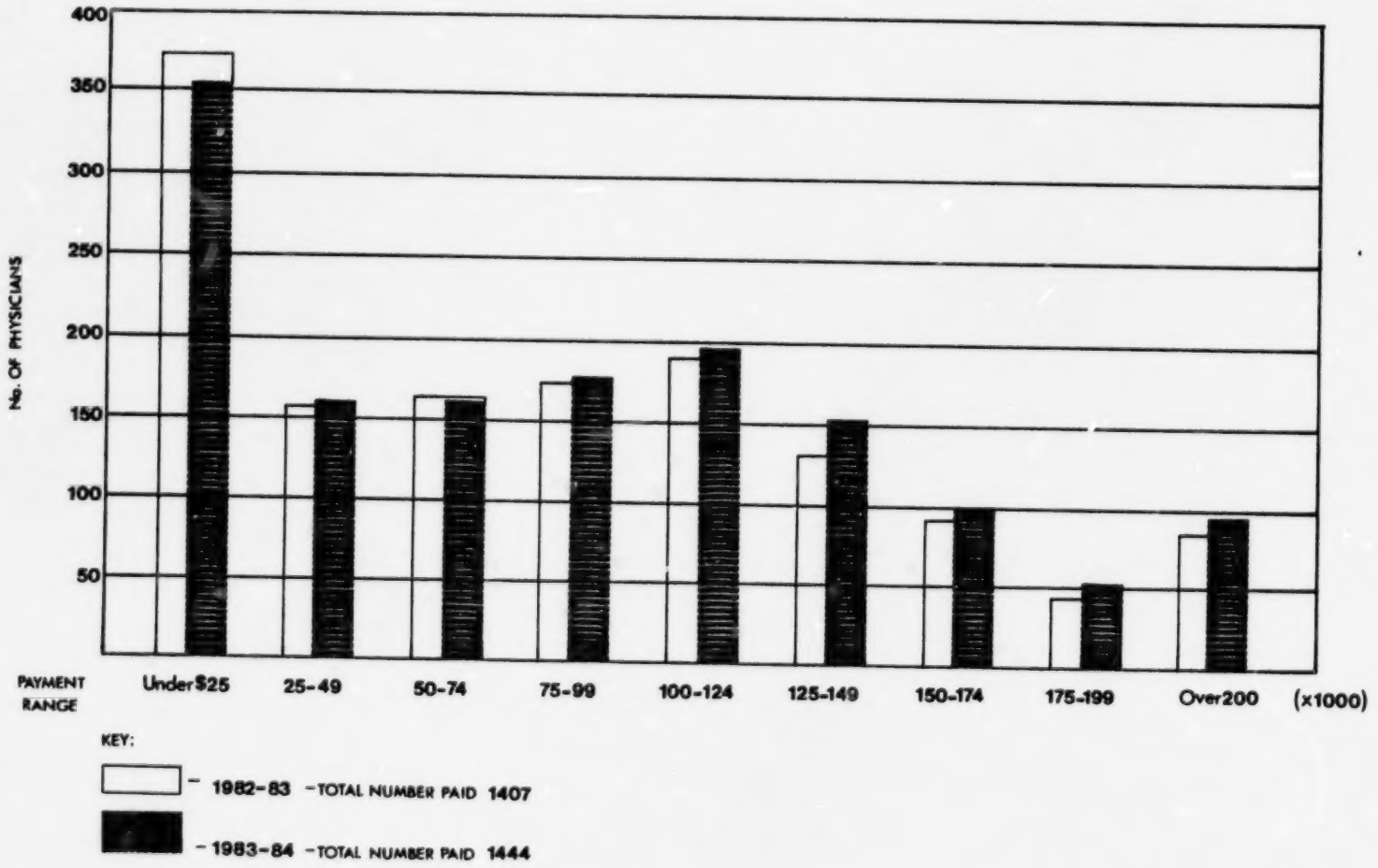


figure 3

NUMBER OF PHYSICIANS PAID BY PAYMENT RANGE

(FEE-FOR-SERVICE)

(2)GENERAL PRACTITIONERS

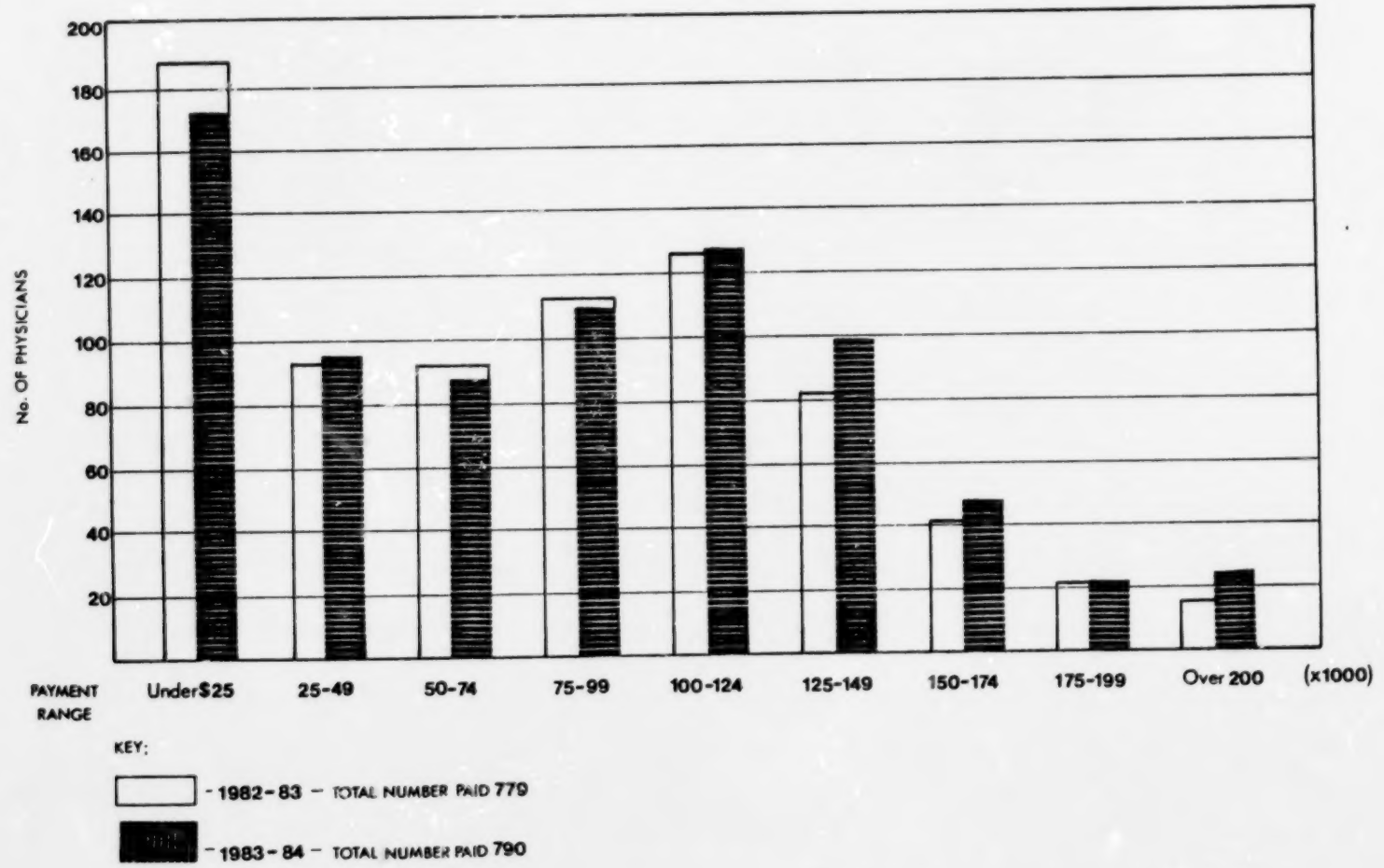


figure 4

NUMBER OF PHYSICIANS PAID BY PAYMENT RANGE

(FEE-FOR-SERVICE)

(3) SPECIALISTS

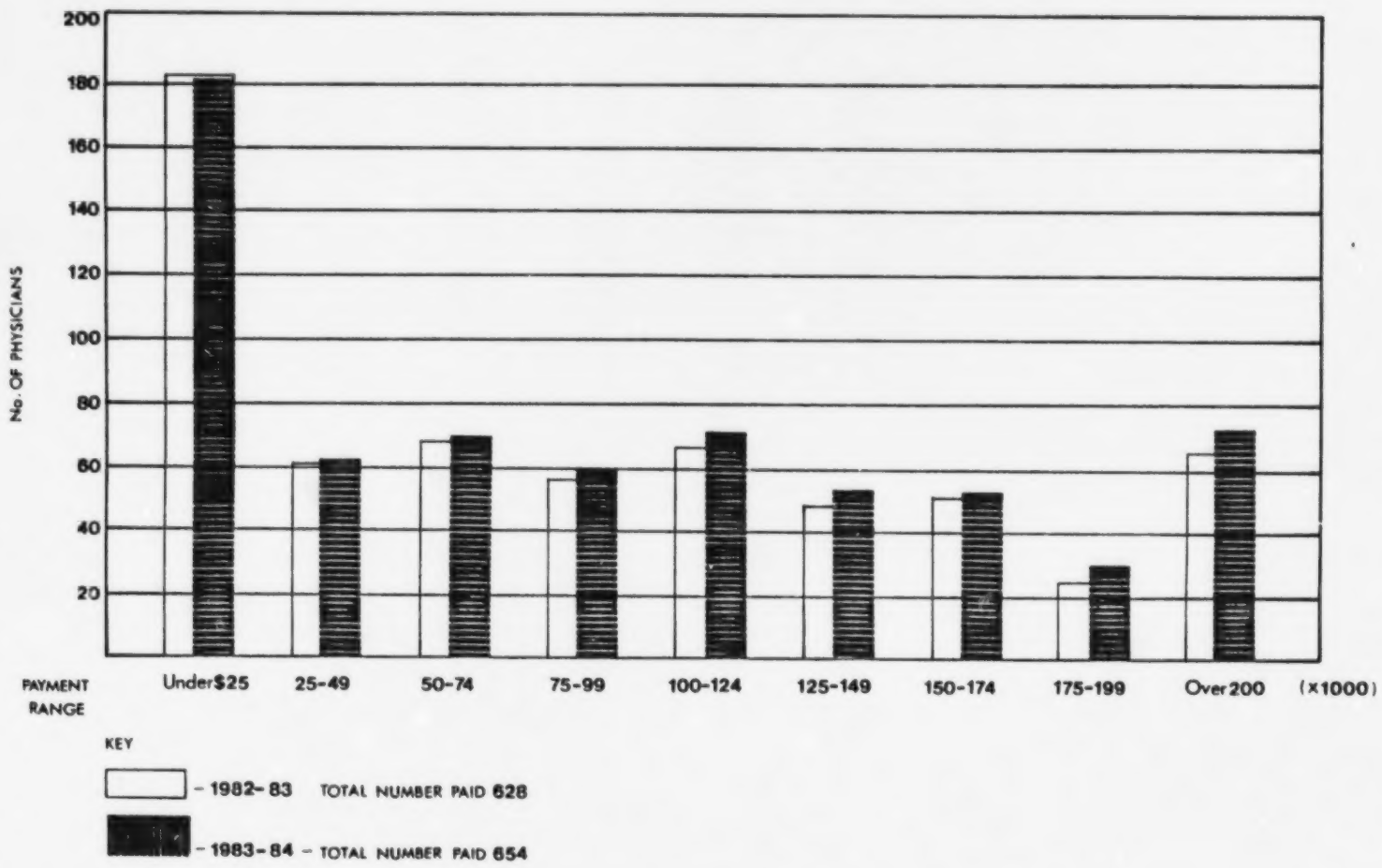


figure 5

Physicians Services

Table 4.0

Number of Services by Type of Service

	12 Months Ended March 31, 1983		12 Months Ended March 31, 1984		
	Services[3]	% Of Total	Services[3]	% Of Total	% Change Services
Consultations	293,665	4.9	312,653	5.2	6.5
Office Visits	2,893,631	48.2	2,911,982	48.8	0.6
Home Visits	212,464	3.5	191,082	3.2	-10.1
Hospital Visits	938,885	15.6	904,387	15.2	-3.7
Emergency & Out-Patient Dept. Visits	457,941	7.6	467,014	7.8	2.0
Intensive Care	35,747	0.6	37,198	0.6	4.1
Psychiatric Services	130,824	2.2	129,570	2.2	-1.0
Sub-Total	4,963,157	82.6	4,954,066	83.0	-0.2
Eye Examinations	86,052	1.4	77,222	1.3	-10.3
Other Diag. & Ther.	397,462	6.7	396,140	6.6	-0.3
Sub-Total	483,514	8.1	473,363	7.9	-2.1
Obstetrical Care	154,693	2.6	136,163	2.3	-12.0
Major Surgery	65,489	1.1	63,902	1.1	-2.4
Minor Surgery	130,312	2.2	130,108	2.2	-0.2
Surgical Assist	21,308	0.3	20,665	0.3	-3.0
Anaesthesia[1]	95,443	1.6	101,399	1.7	6.3
Sub-Total	312,552	5.2	316,074	5.3	1.1
All Other Services[2]	91,656	1.5	88,141	1.5	-3.8
TOTAL	6,005,572	100.0	5,976,806	100.0	-0.5

1. Includes dental anaesthesia services: 1982-83 = 4,939; 1983-84 = 4,995.

2. i.e., amounts paid for out-of-province services, independent consideration, detention fees and group immunization.

3. Premium fees introduced August 1982 are counted as services in this table. These include:

	1982-83	1983-84
Consultations	4,025	8,548
Major Surgery	2,312	4,560
Anaesthesia	6,299	13,723

Physicians Services

Table 4.1

Fee-For-Service Payments - Amount Paid by Type of Service

	12 Months Ended March 31, 1983		12 Months Ended March 31, 1984		
	Amount Paid	% Of Total	Amount Paid	% Of Total	% Change Amount Paid
Consultations	$ 14,492,876	12.0	$ 16,454,017	12.6	6.8
Office Visits	37,063,208	30.7	41,966,919	32.2	0.1
Home Visits	4,313,097	3.6	4,065,033	3.1	-5.8
Hospital Visits	8,225,430	6.8	8,570,616	6.6	4.2
Emergency & Out-Patient Dept. Visits	6,813,332	5.6	7,083,816	5.4	4.0
Intensive Care	1,057,717	0.9	1,155,415	0.9	9.2
Psychiatric Services	5,296,937	4.4	5,704,838	4.4	7.7
Sub-Total	$ 77,262,597	64.0	$ 85,000,652	65.2	10.0
Eye Examinations	2,254,520	1.9	2,126,991	1.6	-5.7
Other Diag. & Ther.	7,582,091	6.3	8,209,872	6.3	8.3
Sub-Total	$ 9,836,611	8.2	$ 10,336,863	7.9	5.1
Obstetrical Care	$ 4,418,648	3.7	$ 4,370,111	3.4	-1.1
Major Surgery	14,028,769	11.6	14,196,823	10.9	1.2
Minor Surgery	4,244,948	3.5	4,411,840	3.4	3.9
Surgical Assist	1,381,026	1.1	1,399,613	1.1	1.4
Anaesthesia[1]	6,808,291	5.6	7,562,941	5.8	11.1
Sub-Total	$ 26,463,034	21.8	$ 27,571,217	21.1	4.2
All Other Services[2]	2,780,000	2.3	3,162,368	2.4	13.8
TOTAL	$120,760,890	100.0	$130,441,210	100.0	8.0

1. Includes dental anaesthesia services: 1982-83 = $289,224; 1983-84 = $303,226.

2. i.e., amounts paid for out-of-province services, independent consideration, detention fees and group immunization.

Physicians Services

Table 4.2

Fee-For-Service Payments

Services and Amount Paid Per 1,000 Insured Persons[1]

	Number of Services Per 1,000 Insured 12 Months Ended March 31		Amount Paid Per 1,000 Insured 12 Months Ended March 31	
	1983	1984	1983	1984
Consultations	349	368	$ 17,233	$ 19,380
Office Visits	3,442	3,430	44,070	49,431
Home Visits	253	225	5,129	4,788
Hospital Visits	1,116	1,065	9,781	10,095
Emergency & Out-Patient Dept. Visits	545	550	8,101	8,344
Intensive Care	43	44	1,258	1,361
Psychiatric Services	156	153	6,298	6,719
Sub-Total	5,580	5,835	91,870	100,118
Eye Examinations	102	91	2,681	2,505
Other Diag. & Ther.	473	467	9,016	9,670
Sub-Total	575	558	11,696	12,175
Obstetrical Care	184	160	5,254	5,147
Major Surgery	78	75	16,681	16,722
Minor Surgery	155	153	5,048	5,197
Surgical Assist	25	24	1,642	1,649
Anaesthesia[2]	113	119	8,095	8,908
Sub-Total	372	372	31,466	32,475
All Other Services[2]	109	104	3,306	3,725
TOTAL	7,141	7,029	$143,592	$153,641

1. Estimates of insured population as of October 1 are shown below. The 1982-83 estimate has been revised.

	1982-83	1983-84
Total Insured Population	841,000	849,000

2. See notes 1 and 2 on Tables 4.0 and 4.1.

MSI Payments For Physicians Services

Table 5.0

Expenditure Per Insured Person by County of Residence

Fiscal 1983-84

County	Persons[1] Insured	Expenditure Per Insured Person		
		General Practitioners	Specialists	Total
Annapolis	22,000	$67.21	$55.94	$123.15
Antigonish	18,400	71.28	58.04	129.32
Cape Breton	128,900	74.68	75.97	150.65
Colchester	43,700	85.17	52.21	137.39
Cumberland	35,800	88.50	67.10	155.60
Digby	21,900	87.38	47.88	135.26
Guysborough	13,000	82.65	55.28	137.92
Halifax	284,000	73.50	92.05	165.55
Hants[2]	33,400	92.28	82.74	175.02
Inverness	22,800	69.90	64.05	133.95
Kings	49,100	84.77	77.35	162.13
Lunenburg	46,400	82.42	67.72	150.14
Pictou	51,100	88.10	63.59	151.69
Queens	13,400	68.46	67.04	135.50
Richmond	12,600	95.84	56.43	152.26
Shelburne	17,300	84.47	47.10	131.57
Victoria	8,600	66.12	52.89	119.01
Yarmouth	26,600	84.05	65.34	149.40
TOTAL	849,000	$74.59	$75.05	$153.64

1. Persons insured by county were estimated by applying the percentage distribution of insured population from the 1981 census to estimates of provincial population as of October 1, 1983.

2. Expenditure per insured person is based on MSI county codes. In some instances persons who reside in one county have postal addresses in another county and in those instances MSI county codes would reflect the postal address. This problem is believed to have caused some distortion in expenditure per insured person in Hants County, where a few thousand residents of Halifax County have postal addresses.

MSI Payments for Physicians Services

Table 5.1

Utilization Data and Expenditure Per Patient By County of Residence

Fiscal 1983-84

County	Persons[1] Insured	Beneficiaries	Utilization[2] Rate	Expenditure Per Patient
Annapolis	22,000	17,359	78.9	$156.07
Antigonish	18,400	16,101	87.5	147.78
Cape Breton	128,900	112,009	86.9	173.37
Colchester	43,700	37,575	86.0	159.78
Cumberland	35,800	30,765	85.9	181.07
Digby	21,900	18,547	84.7	159.71
Guysborough	13,000	10,968	84.4	163.48
Halifax	284,000	265,253	93.4	177.25
Hants[2]	33,400	32,997	98.8	177.15
Inverness	22,800	19,096	83.8	159.94
Kings	49,100	45,475	92.6	175.05
Lunenburg	46,400	38,913	83.7	179.03
Pictou	51,100	43,952	86.0	176.35
Queens	13,400	11,015	82.2	164.84
Richmond	12,600	10,448	82.9	183.63
Shelburne	17,300	14,395	83.2	158.12
Victoria	8,600	6,377	74.2	160.50
Yarmouth	26,600	23,714	89.2	167.58
TOTAL	849,000	743,886[3]	87.6	175.35

1. Persons insured by county were estimated by applying the percentage distribution of insured population from the 1981 census to estimates of provincial population at October 1, 1983.

2. Utilization rates are based on MSI county codes. In some instances persons who reside in one county have postal addresses in another county and in those instances MSI county codes would reflect the postal address. This problem is believed to have caused some distortion in utilization rates in Hants County, where a few thousand residents of Halifax County have postal addresses. Expenditure per patient should not be affected by this problem, however.

3. Figures do not add up to total due to the fact that some beneficiaries were resident in more than one county throughout the year.

Physicians Services

Table 6.0

Distribution of Insured Persons by Number of Services Received

Number Of Services	Persons[1] 1982-83	Persons[1] 1983-84	Amount Paid[2] 1982-83	Amount Paid[2] 1983-84
Part A. Number of Insured Persons				
NIL	101,800	105,238	$ -	$ -
One	119,910	120,063	1,961,901	2,109,757
Two	99,407	100,341	3,243,166	3,532,036
Three	81,531	82,731	4,129,408	4,535,697
Four	66,878	67,784	4,724,650	5,160,289
Five	54,348	54,632	5,016,556	5,409,741
6 - 10	158,101	159,738	24,253,680	26,487,575
11 - 25	120,556	121,097	41,204,263	44,918,631
26 - 50	28,164	27,338	20,729,586	21,951,099
51 - 100	8,315	8,204	10,779,074	11,440,984
Over 100	1,990	1,834	4,684,473	4,853,061
TOTAL	841,000[3]	849,000	$120,726,757	$130,398,869
Part B. Percentage Distribution				
NIL	12.1%	12.4%	-%	-%
One	14.3	14.1	1.6	1.6
Two	11.8	11.8	2.7	2.7
Three	9.7	9.7	3.4	3.5
Four	8.0	8.0	3.9	4.0
Five	6.5	6.4	4.2	4.1
6 - 10	18.8	18.8	20.1	20.3
11 - 25	14.3	14.3	34.1	34.4
30 - 50	3.3	3.2	17.2	16.8
51 - 100	1.0	1.0	8.9	8.8
Over 100	0.2	0.2	3.9	3.7
TOTAL	100.0%	100.0%	100.0%	100.0%

1. The table above includes all persons who received any insured service during the year that was reimbursed on a fee-for-service basis. Persons who change MSI registration numbers during the year are counted twice if they received services under each number.

   The number receiving NIL services is a residual calculated by subtracting the number of beneficiaries from estimates of the insured population.

2. Certain adjustments and services not rendered to individuals (e.g. immunization clinics) are not counted for this table and therefore total paid varies somewhat from totals reported elsewhere.

3. The estimate of insured population during 1982-83 has been revised from 838,000 to 841,000.

FISCAL YEAR 1983-84

DISTRIBUTION OF INSURED POPULATION
BY NUMBER OF SERVICES RECEIVED

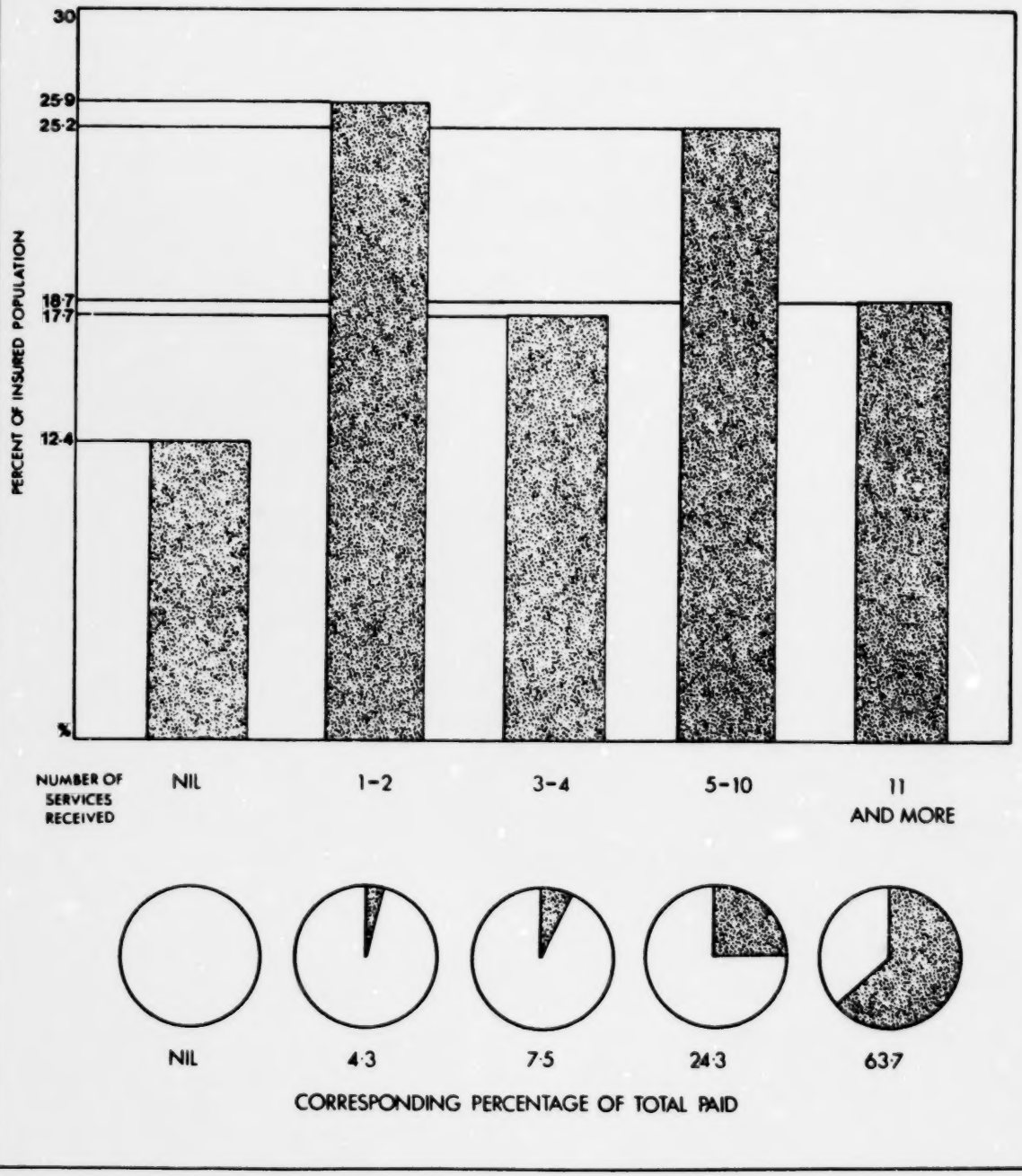


figure 6

Physicians Services

Table 6.1

Distribution of Insured Persons by Amount Paid For Services Received

Dollar Value of Services	Persons[1] 1982-83	Persons[1] 1983-84	Amount Paid[2] 1982-83	Amount Paid[2] 1983-84
Part A. Number of Insured Persons				
NIL	101,800	105,238	$ -	$ -
$ 0.01 - $ 10.00	3,392	2,456	23,287	15,480
10.01 - 25.00	138,930	111,987	2,215,840	1,685,226
25.01 - 50.00	139,241	152,128	5,017,227	5,355,933
50.01 - 100.00	164,230	164,332	11,774,985	11,886,542
100.01 - 150.00	84,859	87,260	10,404,836	10,699,853
150.01 - 200.00	49,980	54,043	8,646,464	9,353,189
200.01 - 300.00	55,266	59,338	13,517,034	14,491,903
300.01 - 500.00	51,080	54,566	19,589,459	20,940,088
500.01 - $1000.00	37,942	41,170	26,011,738	28,399,664
Over $1000.00	14,280	16,482	23,525,887	27,570,991
TOTAL	841,000[3]	849,000	$120,726,757	$130,398,869
Part B. Percentage Distribution				
NIL	12.1%	12.4%	-%	-%
$ 0.01 - $ 10.00	0.4	0.3	-	-
10.01 - 25.00	16.5	13.2	1.8	1.3
25.01 - 50.00	16.5	17.9	4.2	4.1
50.01 - 100.00	19.6	19.4	9.8	9.1
100.01 - 150.00	10.1	10.3	8.6	8.2
150.01 - 200.00	5.9	6.4	7.2	7.2
200.01 - 300.00	6.6	7.0	11.2	11.1
300.01 - 500.00	6.1	6.4	16.2	16.1
500.01 - $1000.00	4.5	4.8	21.5	21.8
Over $1000.00	1.7	1.9	19.5	21.1
TOTAL	100.0%	100.0%	100.0%	100.0%

Notes 1, 2 and 3 - See footnotes to Table 6.0.

FISCAL YEAR 1983-84

DISTRIBUTION OF INSURED POPULATION
BY AMOUNT PAID FOR SERVICES RECEIVED

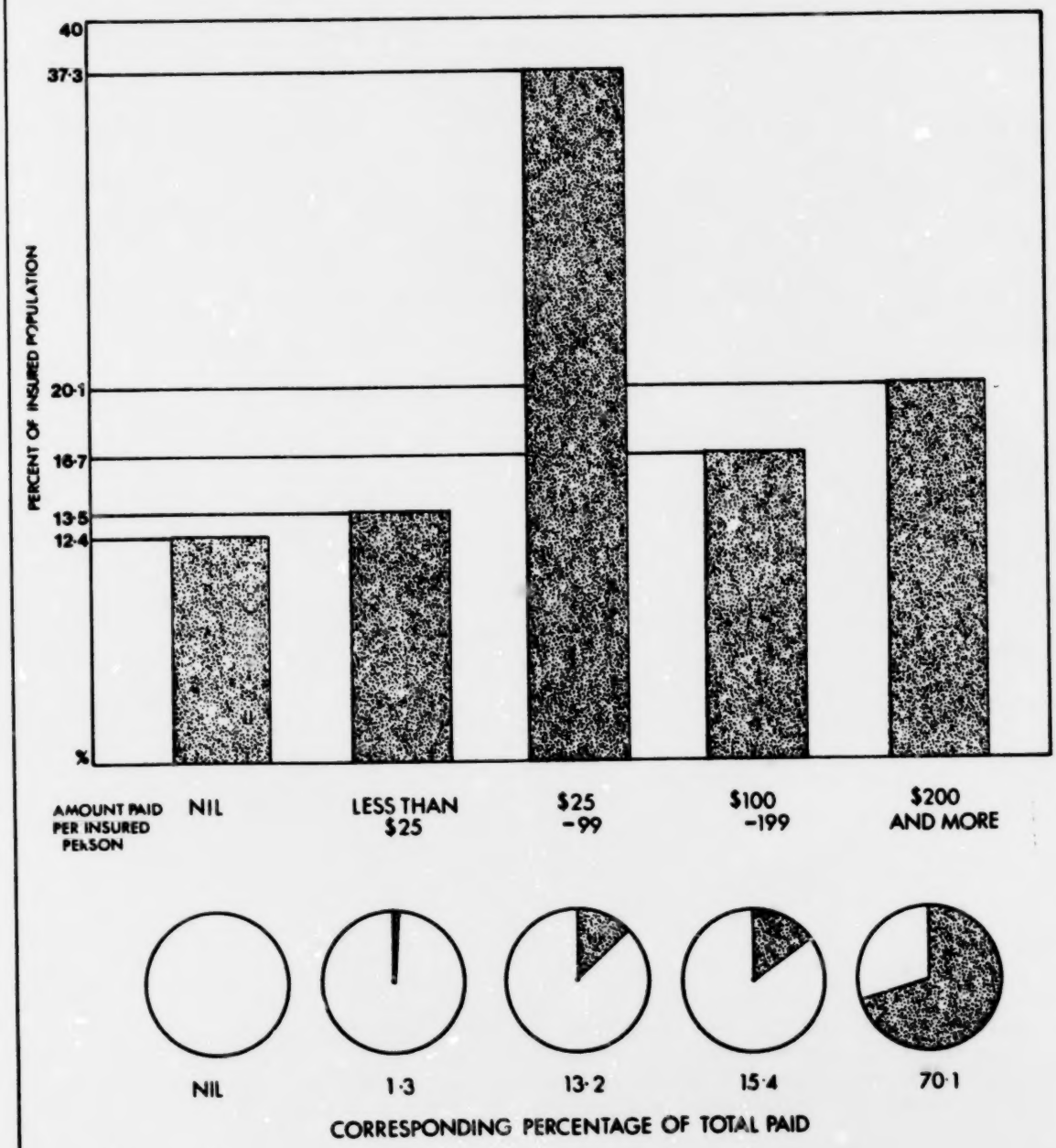


figure 7

Table 7.0

MSI Fee-For-Service Expenditure Per Insured Person

By Age and Sex

12 Months Ended March 31, 1984

Age Group	Insured[1] Population	Expenditure Per Insured		
		Male	Female	Total
0 - 4	60,600	$165.65	$139.63	$152.85
5 - 9	66,200	91.10	77.19	84.34
10 - 14	72,100	65.47	65.01	65.25
15 - 19	85,900	62.19	102.62	81.90
20 - 24	78,600	76.76	182.35	129.48
25 - 29	71,300	82.24	215.79	149.98
30 - 34	68,300	87.26	189.71	138.35
35 - 39	53,300	110.11	203.20	156.18
40 - 44	43,700	118.62	191.08	154.63
45 - 49	40,700	130.81	179.17	154.86
50 - 54	39,100	158.61	182.68	170.91
55 - 59	39,200	188.84	189.79	189.34
60 - 64	37,300	236.97	213.77	224.76
65 - 69	33,100	277.68	245.03	260.38
70 - 74	24,800	346.01	299.72	321.39
75+	34,800	417.85	348.67	375.26
TOTAL	849,000	$131.43	$175.42	$153.64

1. Insured population by age group was estimated by applying the age distribution from the 1981 census to an estimate of insured population on October 1, 1983. Population estimates above are rounded to the nearest 100, while expenditure per insured was calculated from unrounded data.

MSI FEE FOR SERVICE EXPENDITURE PER INSURED PERSON
BY AGE AND SEX

12 MONTHS ENDED MARCH 31, 1984

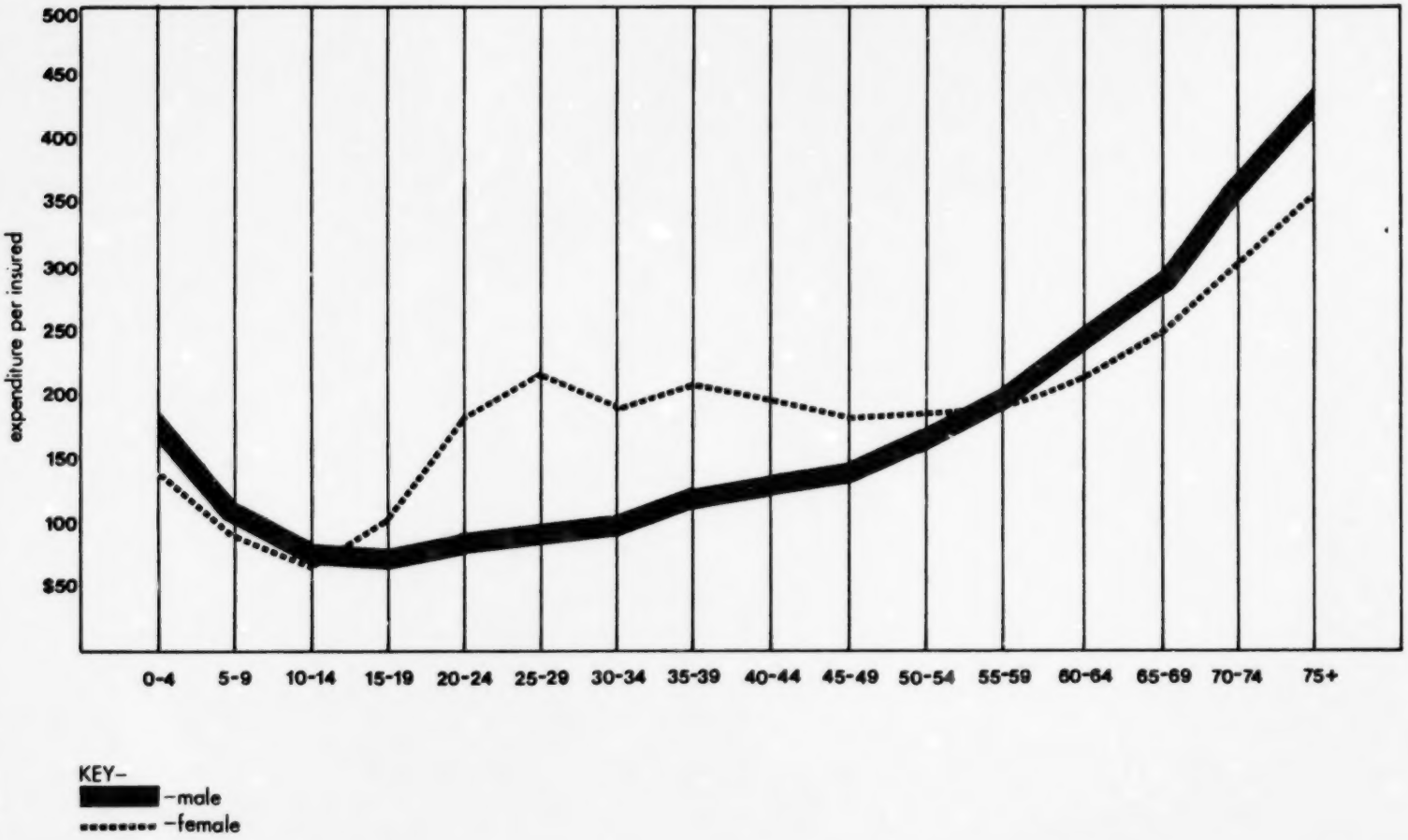


figure 8

Physicians Services

Table 8.0

MSI Payments to Institutions

For Services Performed by Salaried Physicians[1]

By Physicians Specialty

Physician	Amount Paid[2] 12 Months Ended March 31, 1983	Amount Paid[2] 12 Months Ended March 31, 1984	% Increase Amount Paid
General Practice	$1,900,410	$2,197,736	15.6
Psychiatry	2,667,533	2,518,168	-5.6
Other	208,901	185,215	-11.3
TOTAL	$4,776,844	$4,901,119	2.6

1. Data in this table include all amounts actually paid during fiscal 1983-84. Data reported elsewhere are on an incurred basis and include an estimate of amounts incurred but not billed at year end.

2. These figures include the following for overhead expenses:

	1982-83	1983-84
General Practice	$421,004	$447,367
Psychiatry	517,436	474,175
Other	69,254	60,919
TOTAL	$1,007,694	$982,461

Physicians Services

Table 9.0

Billing Above Tariff by County

General Practitioners and Specialists

Specialty of Physician By County	12 Months Ended March 31, 1983 Physicians	12 Months Ended March 31, 1983 Amount Reported	12 Months Ended March 31, 1984 Physicians	12 Months Ended March 31, 1984 Amount Reported	Percentage[1] Change
ANNAPOLIS					
General Practitioners	11	$ 68,977	11	$ 71,145	3.1
Specialists	3	7,690	3	9,563	25.5
TOTAL	14	76,667	14	80,708	5.3
ANTIGONISH					
General Practitioners	7	376	4	325	-
Specialists	4	1,305	2	6	-99.5
TOTAL	11	1,681	6	331	-80.3
CAPE BRETON COUNTY					
General Practitioners	26	3,073	11	402	-85.6
Specialists	7	4,873	6	4,600	-5.6
TOTAL	33	7,946	17	5,002	-37.1
CITY OF SYDNEY					
General Practitioners	20	36,810	16	31,427	-14.6
Specialists	22	102,242	16	91,907	-10.1
TOTAL	42	139,052	32	123,334	-11.3
COLCHESTER					
General Practitioners	18	45,611	13	38,031	-16.6
Specialists	5	5,008	3	2,715	-45.8
TOTAL	23	50,619	16	40,746	-19.5
CUMBERLAND					
General Practitioners	22	79,443	20	66,443	-16.4
Specialists	4	34,468	5	29,497	-14.4
TOTAL	26	113,911	25	95,940	-15.8
DIGBY					
General Practitioners & Specialists	19	66,328[2]	17	63,712[2]	-3.9
GUYSBOROUGH					
General Practitioners	8	20,766	6	20,231	-2.6
Specialists	-	-	-	-	-
TOTAL	8	20,766	6	20,231	-2.6
HALIFAX COUNTY (Excludes Halifax-Dartmouth)					
General Practitioners & Specialists	31	122,663[2]	27	120,041	-2.1

1. Percentage changes are not shown where amounts reported in the 12 months ended March 31, 1983 was less than $500.

2. The distribution of billing above tariff by specialty has not been shown where fewer than 3 physicians billed substantial amounts.

Table 9.0 (Continued)

Specialty of Physician By County	12 Months Ended March 31, 1983 Physicians	12 Months Ended March 31, 1983 Amount Reported	12 Months Ended March 31, 1984 Physicians	12 Months Ended March 31, 1984 Amount Reported	Percentage[1] Change
HALIFAX-DARTMOUTH					
General Practitioners	178	$ 895,880	180	$ 890,941	-0.5
Specialists	191	983,746	173	945,452	-3.9
TOTAL	369	1,879,626	353	1,836,393	-2.3
HANTS					
General Practitioners	23	57,502	16	56,703	-1.4
Specialists	3	16,448	3	12,994	-21.0
TOTAL	26	73,950	19	69,697	-5.8
INVERNESS					
General Practitioners & Specialists	10	42,174[2]	7	45,083	6.9
KINGS					
General Practitioners	42	160,688	42	171,031	6.4
Specialists	17	132,438	19	114,568	-13.5
TOTAL	59	293,126	61	285,599	-2.6
LUNENBURG					
General Practitioners	38	329,491	38	320,531	-2.7
Specialists	9	82,907	9	84,056	1.4
TOTAL	47	412,398	47	404,587	-1.9
PICTOU					
General Practitioners	21	43,210	16	38,372	-11.2
Specialists	3	4,091	5	2,090	-48.5
TOTAL	24	47,301	21	40,462	-14.5
QUEENS					
General Practitioners & Specialists	8	48,846[2]	8	51,163[2]	4.7
RICHMOND					
General Practitioners	3	13	2	49	-
Specialists	-	-	-	-	-
TOTAL	3	13	2	49	-
SHELBURNE					
General Practitioners	8	23,167	5	15,260	-34.1
Specialists	-	-	-	-	-
TOTAL	8	23,167	5	15,260	-34.1
VICTORIA					
General Practitioners	5	6,226	4	5,233	-15.9
Specialists	-	-	-	-	-
TOTAL	5	6,226	4	5,233	-15.9

1. Percentage changes are not shown where amount reported in the 12 months ending March 31, 1983 was less than $500.

2. The distribution of billing above tariff by specialty has not been shown where fewer than 3 physicians billed substantial amounts.

Table 9.0 (Continued)

Specialty of Physician By County	12 Months Ended March 31, 1983 Physicians	12 Months Ended March 31, 1983 Amount Reported	12 Months Ended March 31, 1984 Physicians	12 Months Ended March 31, 1984 Amount Reported	Percentage Change
YARMOUTH					
General Practitioners	12	37,968	14	36,382	-4.2
Specialists	9	10,224	5	8,707	-14.8
TOTAL	21	48,192	19	45,089	-6.4
GENERAL PRACTICE TOTAL	503	$2,071,210	450	$2,029,585	-2.0
Percent of Amount Paid		3.4		3.1	
SPECIALIST TOTAL	284	$1,403,442	256	$1,319,075	-6.0
Percent of Amount Paid		2.4		2.1	
NOVA SCOTIA PHYSICIANS	787	$3,474,652	706	$3,348,660	-3.6
Percent of Amount Paid		2.9		2.6	

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1983 - 1984

SECTION THREE

DENTAL SERVICES

MSI Dental Plans

Table 1

Payment and Utilization Summary

PAYMENT SUMMARY

	1982-83	1983-84
Children's Dental & Dental Surgical[1]		
- Services in Nova Scotia	$11,708,439	$12,540,064
- Services Outside Nova Scotia	11,251	20,959
TOTAL	$11,719,690	$12,561,023
Special Dental Programs[2]	219,441	225,155
TOTAL Dental Payments	$11,939,131	$12,786,178

UTILIZATION SUMMARY

	Dental Surgical		Children's Dental	
	1982-83	1983-84	1982-83	1983-84
- Services Rendered	22,569	26,383	504,392	524,329
- Amount Paid[3]	$1,408,524	$1,725,580	$10,311,166	$10,835,443
- Persons Insured	841,000	849,000	207,200	209,000
- Persons Receiving Insured Services (Beneficiaries)	7,744	8,795	114,376	122,143
- Percent of Persons Insured	0.9%	1.0%	55.2%	58.4%
- Services Per Insured Person	.03	.03	2.43	2.51
- Paid Per Insured Person	$1.67	$2.03	$49.76	$51.84
- Services Per Insured Beneficiary	2.93	3.03	4.41	4.29
- Paid Per Insured Beneficiary	$182.93	$198.34	$90.21	$88.74

1. The Children's Dental Plan covers all children under 16 years of age.

2. Special Dental Programs include persons who have a cleft palate; in-hospital services to persons who are severely mentally retarded; and children at the Halifax School For the Blind born prior to 1967. Amounts paid were:

	1982-83	1983-84
Cleft Palate	$202,169	$195,255
Mental Retardation	16,652	29,871
School For The Blind	620	29

Additional information on the Cleft Palate Plan is reported in Tables 15 to 19.

3. Due to methods of processing data, amounts shown may vary slightly from accounting totals.

MSI Children's Dental Plan

Table 2

Payments to Dentists by Area

County	April 1, 1982 to March 31, 1983 Dentists Paid	Paid	Percent Of Total Paid	April 1, 1983 to March 31, 1984 Dentists Paid	Paid	Percent Of Total Paid
Annapolis	6	$ 171,433	1.7%	6	$ 194,865	1.8%
Antigonish & Guysborough[1]	8	309,653	3.0	7	351,938	3.2
Cape Breton	34	1,812,986	17.6	45	1,926,769	17.8
Colchester	17	511,737	5.0	14	474,776	4.4
Cumberland	8	401,911	3.9	10	414,596	3.8
Digby	5	282,830	2.7	5	292,375	2.7
Halifax	152	3,939,317	38.2	152	3,933,656	36.3
Hants	8	293,000	2.8	8	357,963	3.3
Inverness	6	313,842	3.0	7	348,298	3.2
Kings	20	680,159	6.6	20	756,599	7.0
Lunenburg	14	473,749	4.6	14	509,695	4.7
Pictou	12	545,642	5.3	11	610,348	5.6
Queens	4	131,442	1.3	3	166,018	1.5
Richmond & Victoria[1]	3	143,664	1.4	3	180,221	1.7
Shelburne & Yarmouth[1]	6	295,738	2.9	6	312,217	2.9
TOTAL	303	$10,307,103	100.0%	311	$10,830,334	100.0%
Out-Of-Province	-	4,063	-	-	5,109	-
GRAND TOTAL	303	$10,311,166	-	311	$10,835,443	-
Payments to Urban Areas						
Halifax-Dartmouth Urban	149	3,811,686	37.0	138	3,810,316	35.2
Sydney City	15	552,512	5.4	25	802,436	7.4
TOTAL	164	$4,364,198	42.3	163	$4,612,752	42.6

1. Payments were made to one dentist each in Guysborough, Richmond and Shelburne Counties. These counties were combined with adjacent counties for reporting purposes to preserve confidentiality.

2. The Halifax-Dartmouth urban area includes the area within a perimeter bounded by Halifax, Middle Sackville and Dartmouth.

MSI Children's Dental Plan

Table 3

Amount Paid and Expenditure Per Insured Person[1]

1982-83 and 1983-84

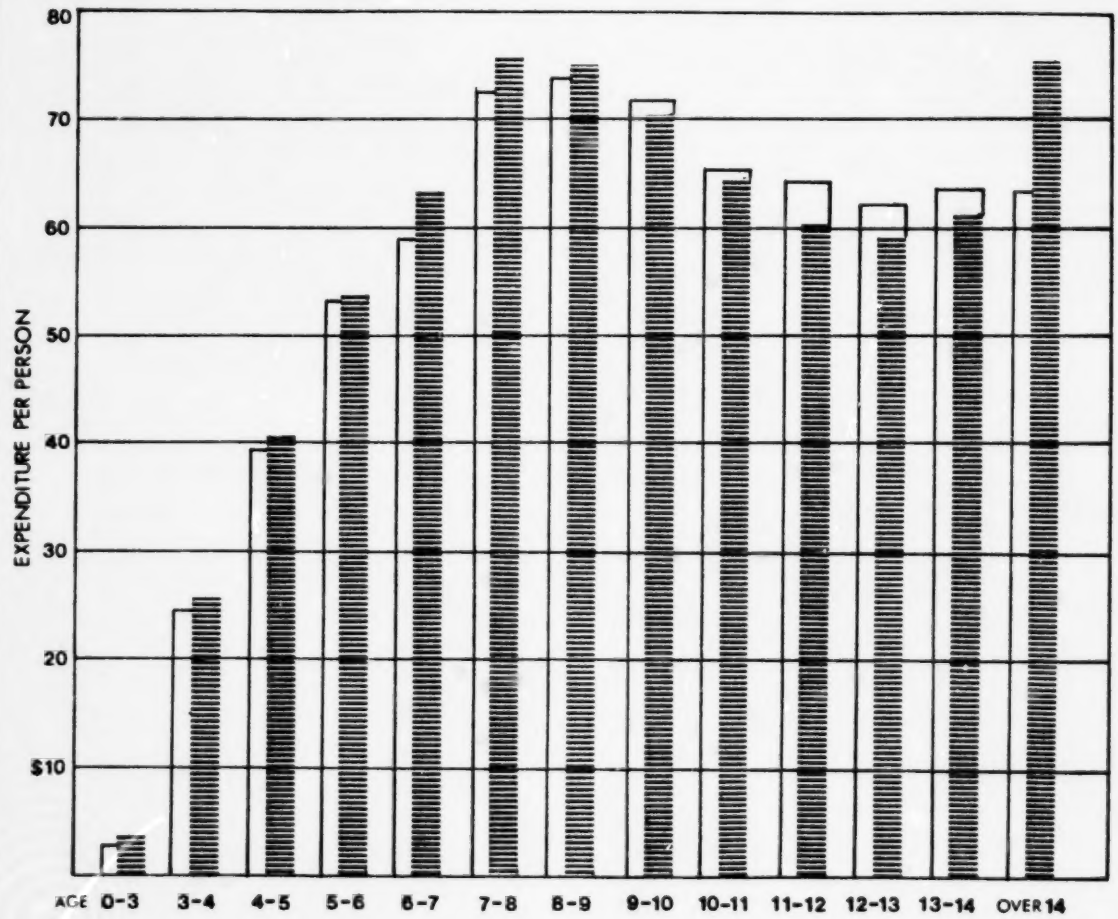
Age	Amount Paid 1982-83	Amount Paid 1983-84	Expenditure Per Insured Person[1] 1982-83	Expenditure Per Insured Person[1] 1983-84	% Change
Less Than 1	$ 1,020	$ 704	$ .08	$ .06	-32.5
1	9,128	10,424	.76	.84	10.5
2	71,290	87,250	5.80	7.27	25.4
3	297,439	311,993	24.18	25.16	4.0
4	485,617	506,827	39.48	40.87	3.5
5	651,285	659,688	53.38	53.63	0.5
6	740,174	766,603	58.28	62.84	7.8
7	932,238	949,693	72.27	75.76	4.8
8	947,114	976,513	73.99	75.12	1.5
9	962,628	904,882	71.31	70.69	-0.9
10	892,274	872,824	65.13	64.65	-0.7
11	935,932	826,719	64.11	60.34	-5.9
12	899,072	876,441	62.44	59.62	-4.5
13	886,935	884,139	63.81	61.40	-3.8
14	886,530	924,761	63.32	66.53	5.1
15	693,987	1,164,108	63.09	83.15	31.8
16	18,503	111,874	-	-	-
TOTAL	$10,311,166	$10,835,443	$49.76	$51.84	4.2

1. Insured population in 1983 is shown in Table 4. Coverage for 16 year olds terminates at the end of the month during which they reach age 16.

MSI CHILDREN'S DENTAL PLAN

AMOUNT PAID PER INSURED PERSON

BY AGE GROUP



KEY

- 1982-83
- 1983-84

figure 9

MSI Children's Dental Plan

Table 4

Utilization Rates and Expenditure Per Beneficiary

April 1, 1983 to March 31, 1984

Age	Insured[1]	Beneficiaries[2]	Utilization Rate	Expenditure Per Beneficiary
Less Than 1	12,500	37	0.3	$19.03
1	12,400	347	2.8	30.04
2	12,000	1,804	15.0	48.36
3	12,400	5,990	48.3	52.09
4	12,400	7,685	62.0	65.95
5	12,300	8,504	69.1	77.57
6	12,200	9,153	75.0	83.75
7	12,800	9,704	75.8	97.87
8	13,000	9,693	74.6	100.74
9	12,800	9,533	74.5	94.92
10	13,500	9,962	73.8	87.62
11	13,700	9,901	72.3	83.50
12	14,700	10,190	69.3	86.01
13	14,400	9,662	67.1	91.51
14	13,900	9,355	67.3	98.85
15	14,000	10,131	72.4	114.91
16	-	492	-	-
TOTAL	209,000	122,143	58.4	$88.71
Ages 3 to 16	172,100	119,955	69.7	$89.51

1. Insured population is the estimated population as of December 1982. Population estimates were derived from Family Allowance Data.

2. Children who received services before and after a birthday are counted as of the youngest age. Consequently, the number of children who received services after reaching age 16 may be somewhat higher than shown.

Table 5

Childen's Dental Plan Expenditure

For Children Aged 3 and Over

By Area of Residence

April 1, 1983 to March 31, 1984

County	Insured[1] Population	Amount Paid	Expenditure Per Insured
Annapolis	3,900	$ 245,666	$62.99
Antigonish	4,600	316,206	68.74
Cape Breton	27,800	1,848,952	66.51
Colchester	8,600	477,874	55.57
Cumberland	6,800	373,253	54.89
Digby	4,100	241,565	58.92
Guysborough	2,700	104,199	38.59
Halifax	54,800	3,607,477	65.83
Hants	8,500	489,621	57.60
Inverness	5,400	314,186	58.18
Kings	10,200	744,511	72.99
Lunenburg	7,900	517,980	65.57
Pictou	10,800	648,363	60.03
Queens	2,600	136,478	52.49
Richmond	2,900	224,980	77.58
Shelburne	3,600	158,119	43.92
Victoria	1,500	92,393	61.60
Yarmouth	5,400	195,242	36.16
TOTAL	172,100	$10,737,065	$62.39

1. Insured population by county was estimated by applying the population distribution of children aged 3 to 15 as of the 1981 census to the insured population shown in Table 4.

Table 6

Children's Dental Plan

Utilization Rates and Expenditure Per Patient

For Children Aged 3 and Over

By Area of Residence

April 1, 1983 to March 31, 1984

County	Insured[1] Population	Beneficiaries[2]	Utilization Rate	Expenditure Per Patient
Annapolis	3,900	2,956	75.8	$83.11
Antigonish	4,600	3,258	70.8	97.06
Cape Breton	27,800	17,739	63.8	104.23
Colchester	8,600	5,926	68.9	80.64
Cumberland	6,800	4,394	64.6	84.95
Digby	4,100	3,200	78.0	75.49
Guysborough	2,700	1,025	38.0	101.66
Halifax	54,800	41,916	76.5	86.06
Hants	8,500	5,796	68.2	84.48
Inverness	5,400	3,088	57.2	101.74
Kings	10,200	8,430	82.6	88.32
Lunenburg	7,900	5,647	71.5	91.73
Pictou	10,800	7,285	67.5	89.00
Queens	2,600	1,509	58.0	90.44
Richmond	2,900	1,935	66.7	116.27
Shelburne	3,600	2,103	58.4	75.19
Victoria	1,500	867	57.8	106.57
Yarmouth	5,400	3,103	57.5	62.92
TOTAL	172,100	120,177	69.8	$89.34

1. Insured population by county was estimated by applying the population distribution of children aged 3 to 15 as of the 1981 census to the insured population shown in Table 4.

2. Data in Table 4 shows 119,955 beneficiaries 3 years of age or over. Children who received services both before and after their third birthday were shown as age 2 in Table 4, but are included in the 3 and over group in this table.

MSI Children's Dental Plan

Table 7

Services and Payments by Type of Service

1982-83 and 1983-84

	Services			Paid		
	1982-83	1983-84	Percent Change	1982-83	1983-84	Percent Change
Diagnostic	172,236	183,447	6.5	$ 2,091,888	$ 2,338,922	11.8
Percent	34.8	35.4		21.0	22.1	
Preventive	86,811	96,019	10.6	1,473,859	1,739,940	18.1
Percent	17.5	18.5		14.8	16.4	
Preventive Orthodontics	8,515	4,180	-50.9	866,621	321,044	-63.0
Percent	1.7	0.8		8.9	3.0	
Restorative	182,876	190,226	4.0	4,372,238	4,912,395	12.4
Percent	36.9	36.7		43.8	46.3	
Oral Surgery	36,895	35,555	-3.6	764,050	791,792	3.6
Percent	7.4	6.9		7.7	7.5	
Endodontics	7,829	7,861	0.4	382,171	466,494	22.1
Percent	1.6	1.5		3.8	4.4	
Other[1]	380	515	35.5	22,900	31,845	39.1
Percent	0.1	0.1		0.2	0.3	
Sub-Total	495,542	517,803	4.5	$ 9,973,727	$10,602,432	6.3
Percent	100.0	100.0		100.0	100.0	
Lab Fees	8,850	6,526	-26.3	337,439	233,011	-30.9
TOTAL	504,392	524,329	4.0	$10,311,166	$10,835,443	5.1

1. Includes Periodontics and Prosthetics:

	Services		Paid	
	1982-83	1983-84	1982-83	1983-84
Periodontics	312	449	$15,949	$24,705
Prosthetics	68	66	$ 6,951	$ 7,140

NOTE: As of November 1, 1982 coverage for preventive orthodontics was limited to space maintainers.

Children's Dental Plan

Table 8

Summary of Services by Age and Type of Service

(A) Total Services April 1, 1983 to March 31, 1984[1]

Age	Diagnostic	Preventive	Preventive Orthodontics	Restorative	Oral Surgery	Endodontics[2]	Total
Less Than 1	35	-	-	3	4	-	42
1	354	50	4	55	32	6	501
2	1,944	846	14	874	86	107	3,871
3	6,687	4,157	48	4,079	174	341	15,486
4	9,964	6,042	61	9,322	463	732	26,584
5	12,319	6,840	173	12,643	1,342	1,064	34,381
6	13,707	7,344	391	13,922	2,865	1,003	39,232
7	14,969	7,718	740	17,276	4,242	973	45,918
8	15,254	7,890	813	17,111	4,330	874	46,272
9	15,057	7,820	704	14,624	4,331	629	43,165
10	15,873	8,133	545	12,559	4,674	418	42,202
11	15,612	7,966	344	12,160	4,203	346	40,631
12	16,019	8,152	180	14,894	3,338	331	42,914
13	15,268	7,704	77	16,592	2,281	357	42,279
14	14,285	7,214	38	18,255	1,641	499	41,932
15	15,475	7,713	40	23,578	1,460	624	48,890
16	625	430	8	2,279	89	72	3,503
TOTAL	183,447	96,019	4,180	190,226	35,555	8,376	517,803

(B) Percentage Distribution

Age	Diagnostic	Preventive	Preventive Orthodontics	Restorative	Oral Surgery	Endodontics	Total
Less Than 1	-	-	-	-	-	-	-
1	0.2	0.1	0.1	-	0.1	0.1	0.1
2	1.1	0.9	0.3	0.5	0.2	1.3	0.7
3	3.6	4.3	1.1	2.1	0.5	4.1	3.0
4	5.4	6.3	1.5	4.9	1.3	8.7	5.1
5	6.7	7.1	4.1	6.6	3.8	12.7	6.6
6	7.5	7.6	9.4	7.3	8.1	12.0	7.6
7	8.2	8.0	17.7	9.1	11.9	11.6	8.9
8	8.3	8.2	19.4	9.0	12.2	10.4	8.9
9	8.2	8.1	16.8	7.7	12.2	7.5	8.3
10	8.7	8.5	13.0	6.6	13.1	5.0	8.2
11	8.5	8.3	8.2	6.4	11.8	4.1	7.8
12	8.7	8.5	4.3	7.8	9.4	4.0	8.3
13	8.3	8.0	1.8	8.7	6.4	4.3	8.2
14	7.8	7.5	0.9	9.6	4.6	6.0	8.1
15	8.4	8.0	1.0	12.4	4.1	7.5	9.4
16	0.3	0.4	0.2	1.2	0.3	0.9	0.7
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. Lab fees are not counted as services in this table.
2. Endodontics includes periodontics and prosthetics in this table.

Children's Dental Plan

Table 9

Summary of Amounts Paid by Age and Type of Service

(A) Amounts Paid April 1, 1983 to March 31, 1984[1]

Age	Diagnostic	Preventive	Preventive Orthodontics	Restorative	Oral Surgery	Endodontics[2]	Total
Less Than 1	$ 554	$ -	$ -	$ 72	$ 78	$ -	$ 704
1	6,390	895	479	1,753	709	198	10,424
2	37,793	15,252	1,693	26,501	2,210	3,801	87,250
3	118,835	75,076	5,569	98,264	3,931	10,318	311,993
4	144,332	109,402	5,862	216,683	10,518	20,030	506,827
5	161,769	124,057	17,018	298,134	29,833	28,877	659,688
6	172,552	133,219	38,368	332,035	63,940	26,489	766,603
7	188,126	140,041	76,700	424,300	94,061	26,465	949,693
8	190,865	143,124	86,050	431,554	95,518	29,402	976,513
9	186,678	141,836	74,960	378,091	94,903	28,414	904,882
10	196,947	147,562	59,849	336,598	102,061	29,807	872,824
11	193,437	144,474	39,033	323,670	91,292	34,813	826,719
12	198,460	147,822	20,053	393,373	73,952	42,781	876,441
13	189,240	139,640	8,634	449,724	50,395	46,506	884,139
14	175,382	130,580	4,666	502,164	39,693	72,276	924,761
15	188,825	139,266	4,899	702,896	36,491	91,731	1,164,108
16	7,382	7,694	1,001	81,065	2,238	12,494	111,874
TOTAL	$2,357,567	$1,739,940	$444,834	$4,996,877	$791,823	$504,402	$10,835,443

(B) Percentage Distribution

Age	Diagnostic	Preventive	Preventive Orthodontics	Restorative	Oral Surgery	Endodontics	Total
Less Than 1	-	-	-	-	-	-	-
1	0.3	0.1	0.1	-	0.1	-	0.1
2	1.6	0.9	0.4	0.5	0.3	0.8	0.8
3	5.0	4.3	1.3	2.0	0.5	2.0	2.9
4	6.1	6.3	1.3	4.3	1.3	4.0	4.7
5	6.9	7.1	3.8	6.0	3.8	5.7	6.1
6	7.3	7.7	8.6	6.6	8.1	5.3	7.1
7	8.0	8.0	17.2	8.5	11.9	5.2	8.8
8	8.1	8.2	19.3	8.6	12.1	5.8	9.0
9	7.9	8.2	16.9	7.6	12.0	5.6	8.4
10	8.4	8.5	13.5	6.7	12.9	5.9	8.1
11	8.2	8.3	8.8	6.5	11.5	6.9	7.6
12	8.4	8.5	4.5	7.9	9.3	8.5	8.1
13	8.0	8.0	1.9	9.0	6.4	9.2	8.2
14	7.4	7.5	1.0	10.0	5.0	14.3	8.5
15	8.0	8.0	1.1	14.1	4.6	18.2	10.7
16	0.3	0.4	0.2	1.6	0.3	2.5	1.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. Lab fees are shown by type of service in this table. They are shown separately in Table 5.
2. Endodontics includes periodontics and prosthetics in this table.

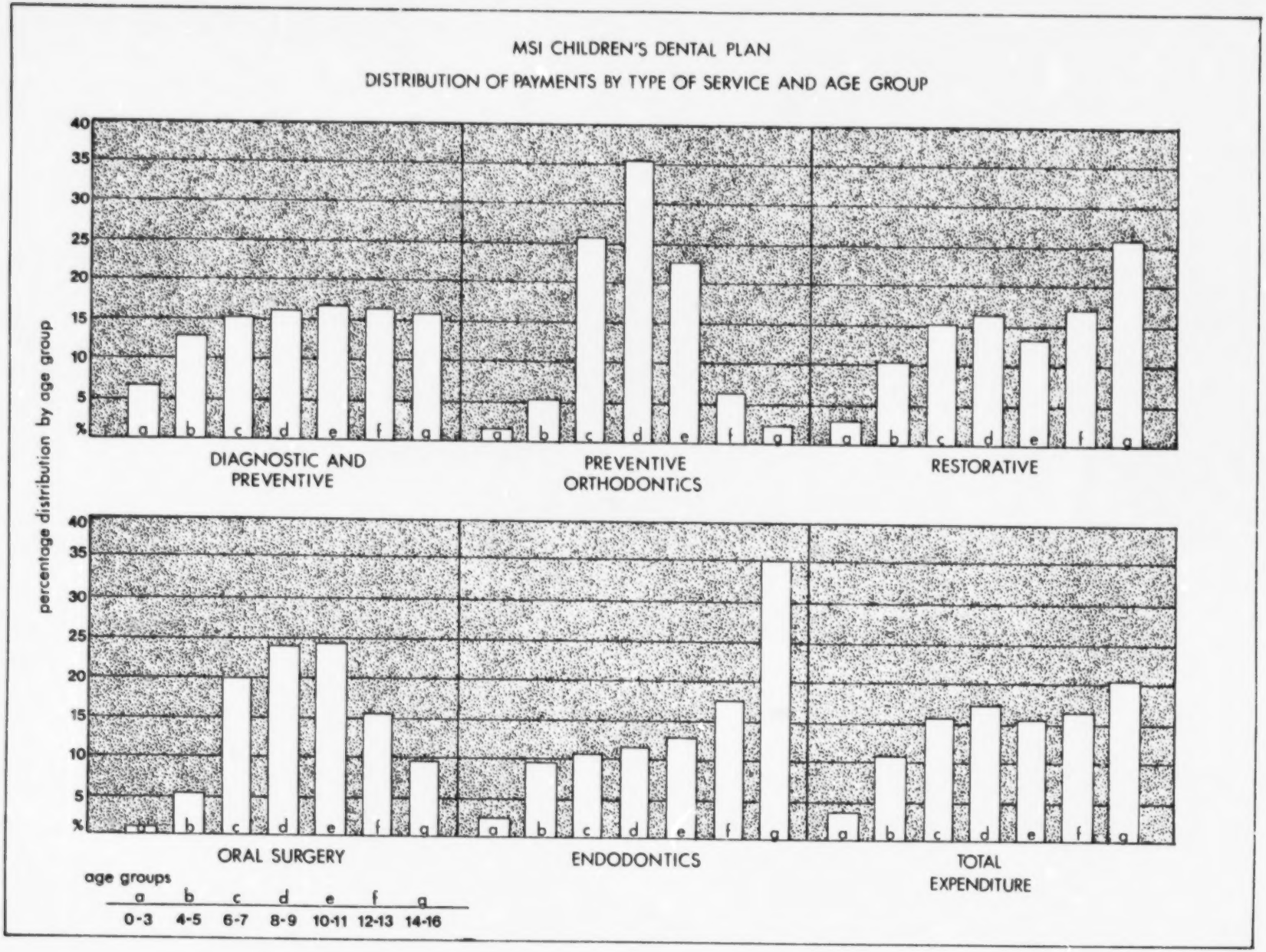

MSI CHILDREN'S DENTAL PLAN
DISTRIBUTION OF PAYMENTS BY TYPE OF SERVICE AND AGE GROUP
percentage distribution by age group
40
35
30
25
20
15
10
5
%
a b c d e f g
DIAGNOSTIC AND PREVENTIVE
PREVENTIVE ORTHODONTICS
RESTORATIVE
ORAL SURGERY
ENDODONTICS
TOTAL EXPENDITURE
age groups
a b c d e f g
0-3 4-5 6-7 8-9 10-11 12-13 14-16

figure 10

Table 10

MSI Dental Surgical Plan

Payments to Dentists by County

April 1, 1983 to March 31, 1984

County	Number Of Dentists	Amount Paid	Percent Of Total
Annapolis	1	$ 1,345	0.1
Antigonish & Guysborough	1	6,515	0.4
Cape Breton	7	186,887	10.9
Colchester	4	21,840	1.3
Cumberland	4	8,777	0.5
Digby	1	302	-
Halifax	13	1,224,569	71.6
Hants	3	5,024	0.3
Inverness & Victoria	1	8,330	0.5
Kings	10	231,099	13.5
Lunenburg	4	10,176	0.6
Pictou	-	-	-
Queens	1	283	-
Richmond	1	1,634	0.1
Shelburne & Yarmouth	4	2,949	0.2
TOTAL	55	$1,709,730	100.0
Out-Of-Province	-	15,850	-
GRAND TOTAL	55	$1,725,580	-

Table 11

MSI Dental Surgical Plan

Amount Paid by Type of Service

1982-83 and 1983-84

	April to March 1983		April to March 1984		
	Paid	% Of Dental Surgical	Paid	% Of Dental Surgical	Percent Change
Surgical Removal of Erupted Teeth (F.C. 501)	$ 114,784	8.1%	$ 141,741	8.2%	23.5%
Surgical Removal of Impacted Teeth (F.C. 504 and 506)	873,518	62.0	1,095,378	63.5	25.4
Surgical Removal of Residual Roots (F.C. 502 and 503)	68,414	4.9	66,817	3.9	-2.3
Correction of Prognathism (F.C. 558 and 559)	96,332	6.8	132,393	7.7	37.4
Correction of Micronathism (F.C. 560, 561 and 562)	102,986	7.3	92,941	5.4	-9.8
Other Services	152,489	10.8	196,310	11.4	28.7
TOTAL	$1,408,524	100.0%	$1,725,580	100.0%	22.5%

Dental Surgical Plan
Table 12
Distribution by Age
April 1, 1983 to March 31, 1984

Age	Patients	Services	Amount Paid	Paid Per Patient
Less Than 10	118	188	$ 11,974	$63.69
10 - 14	375	1,121	87,037	77.64
15 - 19	2,395	8,650	570,715	65.98
20 - 24	2,480	8,122	499,839	201.55
25 - 29	1,206	3,276	215,089	178.35
30 - 34	635	1,557	116,189	182.97
35 - 39	409	911	62,016	151.63
40 - 44	246	590	37,450	152.24
45 - 49	202	449	29,556	146.32
50 - 54	167	377	25,045	149.97
55 - 59	160	335	20,343	127.14
60 - 64	146	305	24,181	165.62
65 - 69	102	198	10,493	102.87
70 +	154	304	15,653	101.64
TOTAL	8,795	26,383	$1,725,580	$196.20

Table 13
Payments to Dentists by Specialty
April 1, 1983 to March 31, 1984

Specialty	Children's Dental Plan		Dental Surgical	
	1982-83	1983-84	1982-83	1983-84
General Practice	$ 9,409,203	$10,149,432	$ 95,934	$ 97,419
Endodontics	29,617	44,301	-	-
Orthodontics	286,718	76,764	-	-
Oral Surgery	23,707	24,914	1,304,858	1,611,056
Pedodontics	536,974	509,023	509	1,255
Periodontics	18,657	23,352	-	-
Prosthetics	2,203	2,548	-	-
Oral Pathology	24	-	35	-
Out-Of-Province	4,063	5,109	7,188	15,850
TOTAL	$10,311,166	$10,835,443	$1,408,524	$1,725,580

MSI Dental Plans

Table 14

Distribution of Dentists by Payment Range

1982-83 and 1983-84

	Less Than $10,000		$10,000 -19,999		$20,000 -29,999		$30,000 -39,999		$40,000 -49,999		$50,000 -99,999		$100,000 And Over		Total	
	83	84	83	84	83	84	83	84	83	84	83	84	83	84	83	84
Children's Dental																
General Practitioners	64	65	52	49	25	30	27	22	24	29	66	74	9	10	267	279
Specialists	20	18	5	8	4	3	1	-	1	-	3	1	2	2	36	32
TOTAL	84	83	57	57	29	33	28	22	25	29	69	75	11	12	303	311
Dental Surgical																
General Practitioners	37	40	3	2	-	-	-	-	-	-	-	-	-	-	40	42
Specialists	4	3	-	-	-	1	-	-	1	-	-	-	7	9	12	13
TOTAL	41	43	3	2	-	1	-	-	1	-	-	-	7	9	52	55

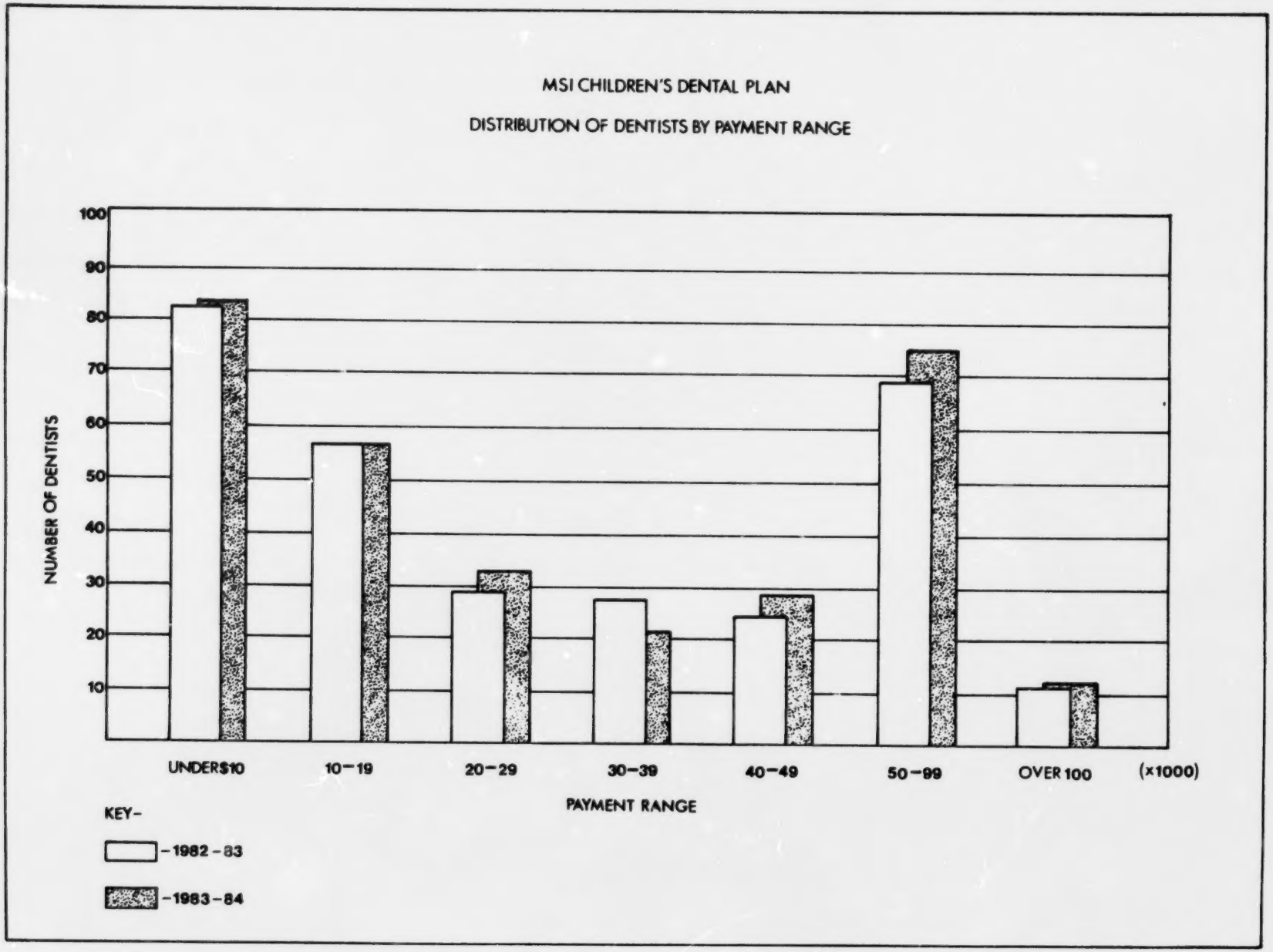

MSI CHILDREN'S DENTAL PLAN
DISTRIBUTION OF DENTISTS BY PAYMENT RANGE
NUMBER OF DENTISTS
100
90
80
70
60
50
40
30
20
10
UNDER $10
10–19
20–29
30–39
40–49
50–99
OVER 100
(x1000)
PAYMENT RANGE
KEY-
-1982-83
-1983-84

Figure 11

Table 15
Cleft Palate Plan
Payment and Utilization Summary
April 1, 1983 to March 31, 1984

	1982-83	1983-84	Percent Change
Children Insured by Both the Cleft Palate Program and the Children's Dental Plan			
Services	1,118	1,365	22.1
Amount Paid	$69,152	$71,205	3.0
Persons Not Insured by the Children's Dental Plan			
Services	1,589	1,373	-13.6
Amount Paid	$133,017	$124,050	-6.7
Total Paid	$202,169	$195,255	-3.4
Persons Registered for Coverage	628	680	8.3
Expenditure Per Insured	$321.93	$287.14	-10.8
Beneficiaries	397	437	10.1
Insured by the Children's Dental Plan	181	253	39.8
Not Insured by the Children's Dental Plan	216	184	-14.8
Percent of Insured Persons who Received Benefits	63.2%	55.6%	
Expenditure Per Beneficiary	$509.24	$446.81	-12.3

Table 16

Distribution of Cleft Palate Expenditure

Services And Payments by Type of Service

1982-83 and 1983-84

	Services			Paid		
	1982-83	1983-84	Percent Change	1982-83	1983-84	Percent Change
Diagnostic	638	707	10.8	$ 9,057	$ 11,747	29.7
Percent	23.6	25.8		4.5	6.0	
Preventive	277	298	7.6	4,697	5,486	16.8
Percent	10.2	10.9		2.3	2.8	
Orthodontics	644	596	-7.5	90,068	73,506	-18.4
Percent	23.8	21.8		44.6	37.6	
Restorative	644	630	-2.2	23,387	21,320	-8.8
Percent	23.8	23.0		11.6	10.9	
Oral Surgery	148	126	-14.9	3,330	3,303	-0.8
Percent	5.5	4.6		1.6	1.7	
Endodontics & Periodontics	113	149	31.9	8,356	14,902	78.3
Percent	4.2	5.4		4.1	7.6	
Prosthetics	140	154	10.0	24,452	31,354	28.2
Percent	5.2	5.6		12.1	16.1	
Dental Surgery	103	78	-24.3	19,631	14,321	-27.0
Percent	3.8	2.8		9.7	7.3	
Lab	-	-	-	19,191	19,316	0.7
Percent	-	-		9.5	9.9	
TOTAL	2,707	2,738	1.1	$202,169	$195,255	-3.4

Table 17

Distribution of Cleft Palate Expenditure

By Age of Patients

April 1, 1983 to March 31, 1984

Age	Patients	Percent	Paid	Percent	Paid Per Patient
0 - 9	148	33.9	$ 18,972	9.7	$128.19
10 - 19	148	33.9	82,713	42.4	558.87
20 - 29	77	17.6	48,364	24.8	628.10
30 - 39	34	7.8	30,135	15.4	886.32
40 - 49	11	2.5	8,318	4.3	756.18
50 - 59	12	2.7	5,009	2.5	417.42
60 +	7	1.6	1,744	0.9	249.14
TOTAL	437	100.0	$195,255	100.0	$446.81

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1983 - 1984

SECTION FOUR

OPTOMETRIC SERVICES

Optometric Servies

Table 1

Payment and Utilization Summary

	1982-83	1983-84	Percentage Change
PAYMENT SUMMARY			
- Payments to Optometrists In Nova Scotia	$1,738,661	$1,926,286	10.8
- Out-Of-Province	5,933	6,949	17.1
TOTAL	$1,744,594	$1,933,235	10.8
UTILIZATION SUMMARY			
- Services Rendered	94,750	94,799	0.1
- Persons Insured[1]	841,000	849,000	1.0
- Persons Receiving Services (Beneficiaries)	92,175	92,638	0.5
- Percentage of Persons Insured	11.0	10.9	
- Services Per 1,000 Insured	113	112	-0.9
- Expenditure Per 1,000 Insured	$2,074	$2,277	9.8
- Services Per 1,000 Beneficiaries	1,028	1,023	-0.5
- Expenditure Per 1,000 Beneficiaries	$18,926	$20,868	10.3

1. Population estimates from Statistics Canada as of October 1st 1982 and 1983. Excludes 14,000 individuals employed in Armed Forces or R.C.M.P. The insured population estimate during 1982-83 has been revised from 838,000 to 841,000.

Optometric Services

Table 2

Optometric Services In Urban and Rural Areas[1]

	1982-83	1983-84
Number of Optometrists Paid		
- Urban	24	25
- Rural	26	25
TOTAL	50	50
Number of Services Paid		
- Urban	42,344	43,774
- Rural	51,091	50,708
- Out-of-Province	315	317
TOTAL	94,750	94,799

Amount Paid

	1982-83	% Of Total	1983-84	% Of Total
- Urban	$ 779,825	44.7	$ 891,670	46.1
- Rural	958,836	55.0	1,034,616	53.5
- Out-of-Province	5,933	0.3	6,949	0.4
TOTAL	$1,744,594	100.0	$1,933,235	100.0

1. Urban areas are defined as areas with population over 35,000. These areas include: Sydney Urban Area within a perimeter bounded by North Sydney, Sydney City and Glace Bay. The Halifax-Dartmouth Urban Area within a perimeter bounded by Halifax, Middle Sackville and Dartmouth.

Optometric Services

Table 3

Charges Above Tariff In Urban and Rural Areas

Area	Amount Billed Above Tariff		Percent of Amount Paid in Area	
	1982-83	1983-84	1982-83	1983-84
Urban	$173,305	$182,649	22.2	20.5
Rural	104,672	113,275	10.9	10.9
TOTAL	$277,977	$295,924	16.0	15.3

Optometric Services

Table 4

Number of Optometrists Paid, by Payment Range

1982-83 and 1983-84

Location	Less Than $10,000		$10,000 -19,999		$20,000 -29,999		$30,000 -39,999		$40,000 -49,999		$50,000 And Over		Total	
	83	84	83	84	83	84	83	84	83	84	83	84	83	84
Urban	3	1	4	5	6	4	3	5	3	5	5	5	24	25
Rural	3	2	4	5	5	2	3	4	3	4	8	8	26	25
TOTAL	6	3	8	10	11	6	6	9	6	9	13	13	50	50

	1982-83	1983-84
Lowest Payment	$ 19	$ 861
Highest Payment	$119,266	$93,399

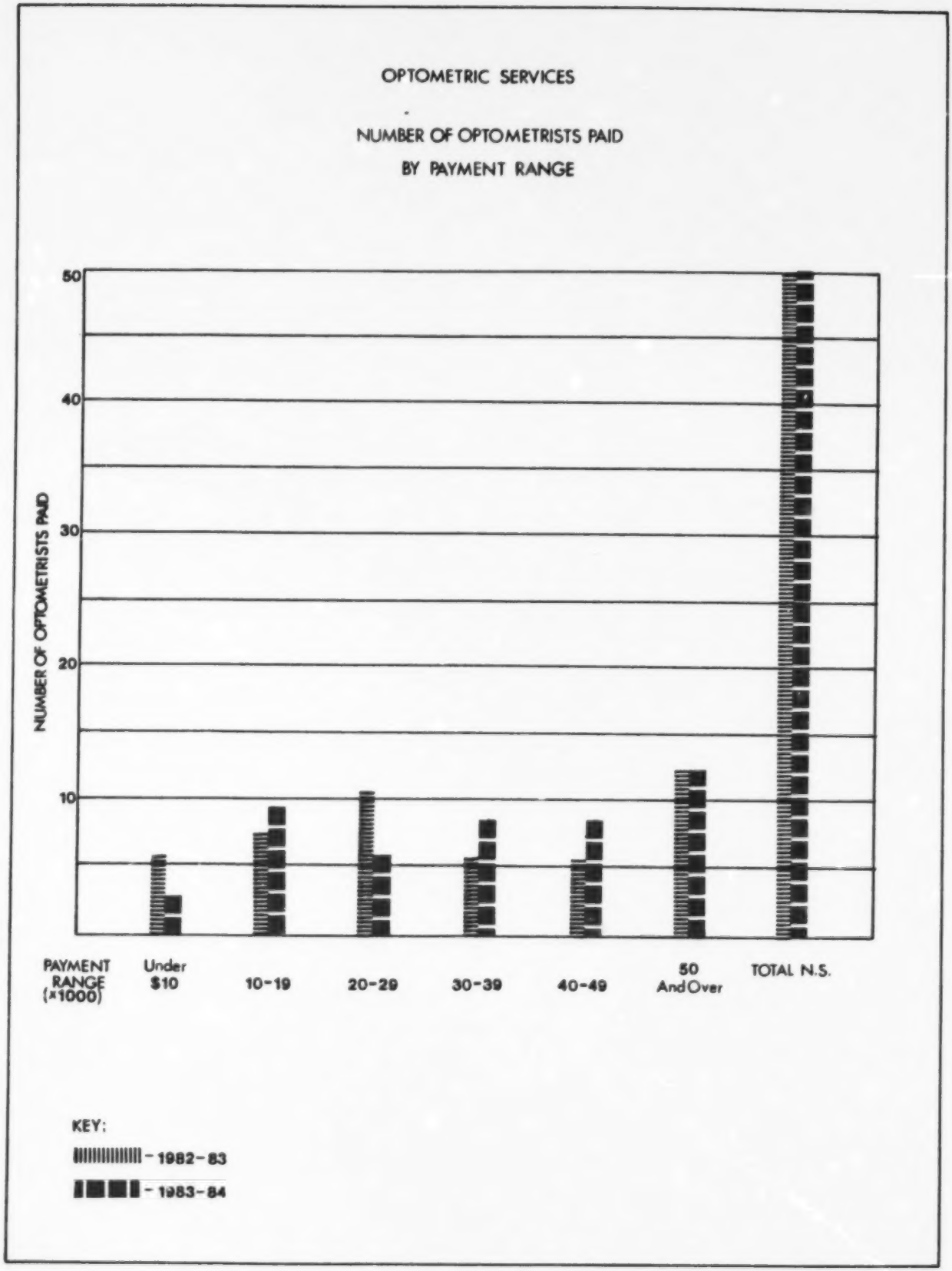

OPTOMETRIC SERVICES
NUMBER OF OPTOMETRISTS PAID
BY PAYMENT RANGE
NUMBER OF OPTOMETRISTS PAID
50
40
30
20
10
PAYMENT RANGE (×1000)
Under $10
10-19
20-29
30-39
40-49
50 And Over
TOTAL N.S.
KEY:
1982-83
1983-84

figure 12

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1983 - 1984

SECTION FIVE

MSI PHARMACARE

CYSTIC FIBROSIS AND DIABETES INSIPIDUS

Table 1

MSI Pharmacare

Payment and Utilization Summary

April 1, 1983 to March 31, 1984

	1982-83	1983-84	Percent Change
Payment Summary			
Payments for Prescriptions Dispensed			
- by participating pharmacies	$25,624,041	$29,609,022	15.6
- by other providers	392,707	405,086	3.2
- by providers outside Nova Scotia	46,922	50,103	6.8
	$26,063,370	$30,064,211	15.3
Homes for Special Care[1]	477,285	545,771	14.3
TOTAL	$26,540,955	$30,609,982	15.3
Utilization Summary			
Persons Insured	96,000	99,000	3.1
Persons Receiving Insured Services (Beneficiaries)	87,647	89,541	2.2
Percent of Persons Insured	91.3	90.4	
Prescriptions Dispensed	1,843,015	1,903,784	3.3
Prescriptions Per Insured	19.2	19.2	
Expenditure Per Insured	$276.47	$303.68	9.8
Prescriptions Per Beneficiary[2]	21.0	21.3	
Expenditure Per Beneficiary[2]	$297.37	$335.76	12.9

1. Special payment arrangements are in effect for residents of certain Homes for Special Care. These include reimbursement of drug costs, and payments for pharmacy services on a sessional or capitation fee basis.

2. Excludes persons residing in Homes for Special Care.

Table 2

MSI Pharmacare

Prescriptions and Amounts Paid by County of Provider[1]

April 1, 1983 to March 31, 1984

County	Providers Paid		Number Of Prescriptions		Amount Paid		Paid Per Prescription	
	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84	1982-83	1983-84
Annapolis	6	5	64,336	64,187	$ 892,764	$ 973,034	$13.88	$15.16
Antigonish	4	4	34,409	37,136	447,501	540,888	13.01	14.57
Cape Breton	30	34	241,576	273,931	3,471,979	4,299,311	14.37	15.69
Colchester	9	10	90,400	93,754	1,384,765	1,608,656	15.32	17.16
Cumberland	12	15	102,089	102,273	1,465,345	1,654,513	14.35	16.18
Digby	7	7	69,695	71,097	952,870	1,077,284	13.67	15.15
Guysborough	5	6	26,094	27,083	281,254	324,493	10.78	11.98
Halifax	82	85	501,637	521,743	7,234,810	8,396,530	14.42	16.09
Hants	12	11	83,210	86,029	1,135,585	1,353,640	13.65	15.73
Inverness	8	7	54,080	43,517	781,896	685,941	14.46	15.76
Kings	11	12	120,766	123,934	1,719,346	1,982,438	14.24	16.00
Lunenburg	10	11	115,066	124,529	1,746,444	2,094,873	15.18	16.82
Pictou	18	17	129,583	133,202	1,774,443	2,060,542	13.69	15.47
Queens	3	3	41,485	43,274	572,815	676,477	13.81	15.63
Richmond & Victoria[1]	5	2	43,924	29,769	553,845	432,646	12.61	14.53
Shelburne	5	5	41,811	42,879	551,250	646,172	13.18	15.07
Yarmouth	7	3	79,067	81,889	1,049,836	1,206,670	13.28	14.74
Out-Of-Province	-	-	3,787	3,558	46,922	50,103	12.39	14.08
TOTAL	234	244	1,843,015	1,903,784	$26,063,670	$30,064,211	$14.14	$15.79

1. Payments to nursing homes are not included in this table.
2. To preserve confidentiality the counties of Richmond and Victoria have been combined.

Table 3

MSI Pharmacare

Number of Insured Persons and Number of Beneficiaries

By County of Residence

April 1, 1983 to March 31, 1984

County	Persons[1] Insured	Number Of[2] Beneficiaries	Utilization Rate
Annapolis	3,600	3,127	86.9
Antigonish	2,000	1,882	94.1
Cape Breton	14,600	14,019	96.0
Colchester	5,700	5,161	90.5
Cumberland	5,800	5,225	90.1
Digby	3,400	3,169	93.2
Guysborough	1,900	1,727	90.9
Halifax	25,000	25,562	102.2
Hants	3,800	3,811	100.3
Inverness	2,800	2,560	91.4
Kings	6,000	5,543	92.4
Lunenburg	6,700	6,153	91.8
Pictou	6,800	6,134	90.2
Queens	2,100	1,935	92.1
Richmond	1,500	1,426	95.1
Shelburne	2,200	2,025	92.0
Victoria	1,200	1,029	85.8
Yarmouth	3,900	3,613	92.6
TOTAL	99,000	90,071	91.0

1. Number of insured persons was estimated on the basis of the population distribution of persons 65 and over from the 1981 census together with current estimates of total persons 65 and over as of October 1, 1983. The total number of persons eligible during the year would exceed the numbers shown due to deaths prior to October and persons becoming eligible after October. The higher number of beneficiaries than insured persons in 2 counties could result from this fact, or from inaccuracies in estimating population distributions.

2. The number of beneficiaries in each county do not add to the provincial total as some persons resided in more than one county during the year. Total beneficiary count is slightly higher than in other tables due to the inclusion of persons in certain homes for special care which are not included in Table 2.

Table 4

MSI Pharmacare

Prescriptions and Amount Paid by County of Residence[1]

April 1, 1983 to March 31, 1984

County	Number Of Prescriptions	Rx Per Beneficiary	Amount Paid	Paid Per Beneficiary
Annapolis	55,355	17.7	$ 1,142,100	$365.24
Antigonish	32,361	17.2	466,418	247.83
Cape Breton	271,869	19.4	4,067,188	290.12
Colchester	92,206	17.9	1,583,267	306.78
Cumberland	107,974	20.7	1,752,142	335.34
Digby	69,175	21.8	1,039,970	328.17
Guysborough	35,382	20.5	458,052	265.23
Halifax	511,458	20.0	8,214,012	321.34
Hants	81,415	21.4	1,284,006	336.92
Inverness	50,447	19.7	785,865	306.98
Kings	122,255	22.1	1,950,565	351.90
Lunenburg	126,357	20.5	2,115,764	343.86
Pictou	134,371	21.9	2,081,458	339.33
Queens	44,225	22.9	695,012	359.18
Richmond	30,811	21.6	454,079	318.43
Shelburne	45,162	22.3	683,777	337.67
Victoria	18,391	17.9	269,120	261.54
Yarmouth	79,342	22.0	1,170,391	323.94
Unknown[2]	19,053	-	-18,824	-
TOTAL	1,927,609	21.4	$30,194,362	$335.23

1. Prescriptions and amounts paid in this table are slightly higher than in other tables due to the inclusion of prescriptions for persons in certain homes for special care which are not included in Table 2.

2. Patient county is not shown in certain instances, represented mainly by adjustments to claims previously processed. The negative amount in the "Amount Paid" column results from these adjustments.

TABLE 5

Pharmacare Prescriptions and Amount Paid

April 1, 1983 to March 31, 1984

By Drug Classification

Drug Classification	Number Of Prescriptions	Percent Of Total	Amount Paid	Percent Of Total
04 - Antihistaminics	10,692	0.6	$ 120,454	0.4
08 - Anti-Infective Agents	96,672	5.1	1,310,746	4.3
10 - Antineoplastic Agents	3,519	0.2	257,771	0.8
12 - Autonomic Agents	58,732	3.1	957,754	3.2
16 - Blood Derivatives	4	-	33	-
20 - Blood Formation & Coagulation	17,603	0.9	172,080	0.6
24 - Cardiovascular Drugs	384,000	20.2	6,566,689	21.8
28 - Central Nervous System Drugs				
0400 - General Analgesics	952	0.1	8,764	-
0800 - Analgesics	230,993	12.1	4,964,087	16.5
1200 - Anticonvulsants	14,783	0.8	115,449	0.4
1600 - Psychotropics	68	-	1,130	-
1604 - Antidepressants	43,694	2.3	750,516	2.5
1608 - Tranquilizers	106,743	5.6	1,124,627	3.7
1612 - Other Psychotropics	777	-	7,104	-
2000 - Central Nervous System Stimulants	1,488	0.1	27,437	0.1
2400 - Sedatives and Hypnotics	84,180	4.4	812,896	2.7
Sub-Total - Class 28	483,678	25.4	7,812,010	26.0

TABLE 5 (Continued)

Drug Classification	Number Of Prescriptions	Percent Of Total	Amount Paid	Percent Ot Total
36 - Diagnostic Agents	39	-	$ 194	-
40 - Diuretics and Potassium Replacement Agents	291,476	15.3	3,403,919	11.3
48 - Cough Preparations	22,452	1.2	288,714	1.0
52 - Eye, Ear, Nose & Throat Preparations	70,162	3.7	981,814	3.3
56 - Gastrointestinal Drugs	94,062	4.9	2,355,145	7.8
60 - Gold Compounds	305	-	17,567	0.1
64 - Heavy Metal Antagonists	324	-	12,850	-
68 - Hormones & Substitutes	118,521	6.2	1,434,585	4.8
72 - Local Anaesthetics	20	-	64	-
76 - Oxytocics	11	-	235	-
77 - Diabetic Supplies	33,194	1.7	349,879	1.2
80 - Vaccines	71	-	1,064	-
84 - Skin & Mucous Membrane Preparations	56,692	3.0	817,309	2.7
86 - Spasmolytics	30,357	1.6	476,882	1.6
88 - Vitamins & Minerals	19,418	1.0	233,855	0.8
8885 - Ostomy Equipment	9,316	0.5	270,697	0.9
92 - Unclassified Therapeutic Agents	84,392	4.4	1,995,660	6.6
99 - Compounds	14,549	0.8	208,311	0.7
Other	3,523	0.2	17,930	0.1
TOTAL	1,903,784	100.0	$30,064,211	100.0

TABLE 6

MSI Pharmacare - Claims Aging (Cumulative)[1]

Paid April 1981 to March 1984

Date Dispensed	Prescriptions	Amount Paid	Paid Per Rx
April, 1981	138,233	$1,550,253	$11.21
May	137,829	1,553,790	11.27
June	143,110	1,633,093	11.41
July	142,412	1,715,910	12.05
August	134,522	1,638,775	12.18
September	142,747	1,757,771	12.31
October	148,977	1,847,021	12.40
November	139,582	1,749,245	12.53
December	149,398	1,866,307	12.49
January, 1982	139,851	1,808,017	12.93
February	131,608	1,717,116	13.05
March	154,799	2,024,457	13.08
April	147,912	1,949,114	13.18
May	146,819	1,940,878	13.22
June	152,649	2,030,914	13.30
July	147,884	2,090,158	14.13
August	147,937	2,111,053	14.27
September	150,974	2,159,621	14.30
October	150,563	2,178,751	14.47
November	152,880	2,224,709	14.55
December	158,117	2,300,306	14.55
January, 1983	154,717	2,303,386	14.89
February	141,391	2,138,265	15.12
March	166,270	2,519,555	15.15
April	150,573	2,293,134	15.23
May	159,362	2,442,178	15.32
June	162,190	2,502,112	15.43
July	148,857	2,355,633	15.82
August	161,044	2,553,340	15.85
September	160,317	2,558,838	15.96
October	158,150	2,538,659	16.05
November	162,916	2,607,436	16.00
December	163,426	2,607,962	15.96
January, 1984	163,318	2,635,011	16.13
February	149,825	2,421,396	16.16
March[2]	72,895	1,169,806	16.05

1. Does not include Chedabucto Pharmacy.

2. The average paid per prescription for the most recent month may vary by a few cents from the average that will result when a larger proportion of claims incurred that month have been paid.

MSI Pharmacare

Table 7

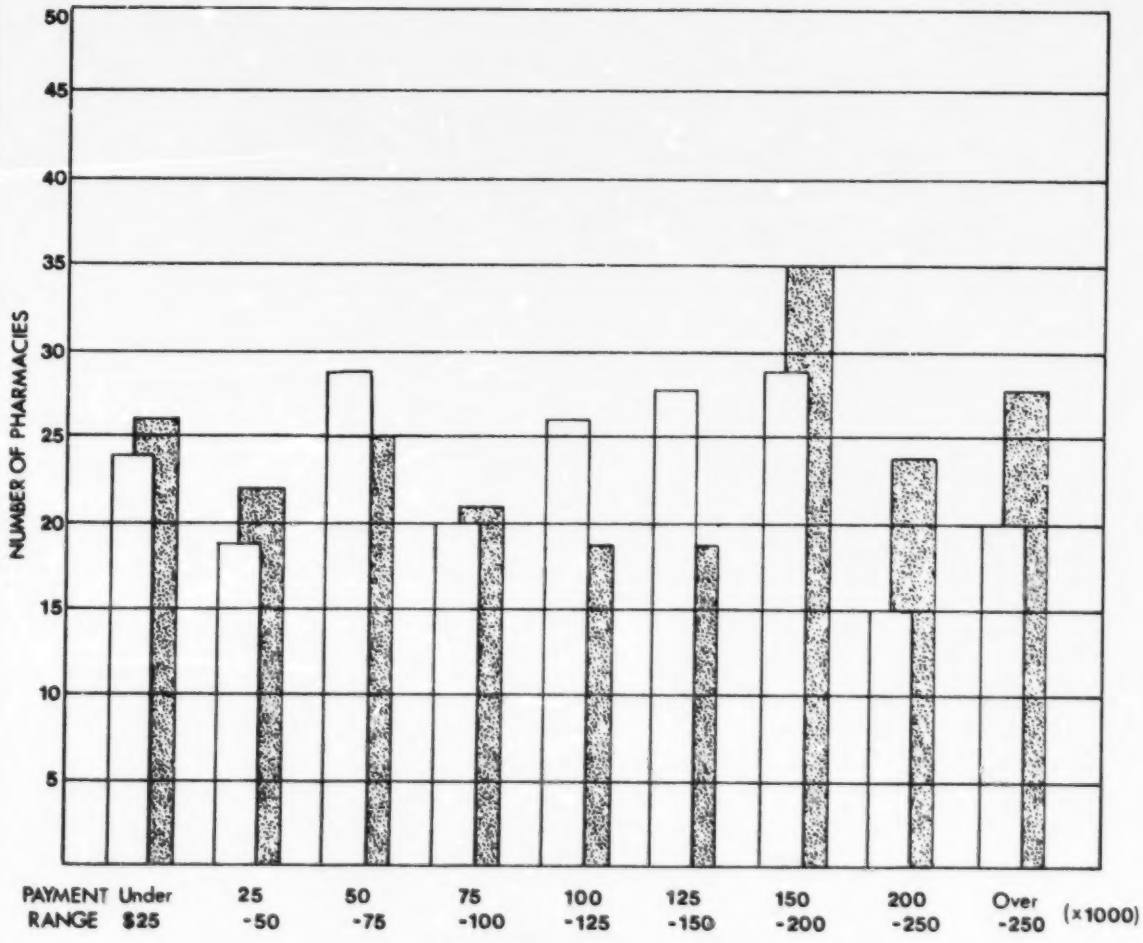
Payments to Pharmacies and Other Providers by Payment Range

Fiscal 1983-84 and Fiscal 1982-83

	Less Than $25,000		$25,000 -49,999		$50,000 -74,999		$75,000 -99,999		$100,000 -124,999		$125,000 -149,999		$150,000 -199,999		$200,000 -249,999		$250,000 And Over		Total	
	83	84	83	84	83	84	83	84	83	84	83	84	83	84	83	84	83	84	83	84
Pharmacies	24	26	19	22	29	25	20	21	26	19	28	19	29	35	15	24	20	28	210	219
Other Providers	17	21	4	-	3	2	-	2	-	-	-	-	-	-	-	-	-	-	24	25
TOTAL	41	47	23	22	32	27	20	23	26	19	28	19	29	35	15	24	20	28	234	244

PHARMACARE PLAN

PAYMENTS TO PHARMACIES
BY PAYMENT RANGE



KEY-

1982-83 TOTAL PAID 210

1983-84 TOTAL PAID 219

figure 13

Cystic Fibrosis and Diabetes Insipidus Programs

Table 8

Payment and Utilization Summary

April 1, 1983 to March 31, 1984

	1982-83	1983-84
PAYMENT SUMMARY		
Cystic Fibrosis		
- Drugs	$239,873	$247,445
- Equipment	30,971	31,470
TOTAL	$270,844	$278,915
Diabetes Insipidus	$ 36,374	$ 36,118
UTILIZATION SUMMARY		
Cystic Fibrosis		
- Insured Persons	127	146
- Expenditure Per Insured Person	$2,133	$1,910
Diabetes Insipidus		
- Insured Persons	46	45
- Expenditure Per Insured Person	$791	$803